

CRUNCH

October 28, 2008

Message $M = abcdefgh$.

[illegible]

round number 2:

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For G'

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round number 3:

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For G'

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round number 4:

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For G'

7b173bb67fb696133602f3706c146ecb74775ce85ee8a70d27746fdfeed9f37c
8782594c1f5e5966d8e3f9d2a4295d2c09bac3f41c19838f79ac3d8ed49590ad
ccea008f7867c2966143e63ed85194f2bdc240d1cc02cd40bd006480cec8be51
bb0fdf176d67d6085d8b7fab41b8a60a6ad9817c3c066ec8644717b632f96746
007b8f1a2a0ce1434a61870c1eccda5e9a34f55e0436a7f47a94fd6639a0fa50
1cc8b10172d6f77d8ba3eae088b8a7245be1c8c2d6f6c23eab328faf73f57225
8a9e7c1b01a0703a9f5af561731314bd39e6b179406954f5d84e891741e3cf9f
c7639418b238d6d4eeb0e47ec4f8b6a63504fc67eb43ea8b946dc10d09cb49d1
dfaebaa957578fffb3faebb3d5cb403bfa654b3a1d2aba6e3f3a67a94ebe3b8f0
d57506da32e2b0d2c4a30d548a24fe175caf3637b1377a8ad9250a5b0d0fd2e0
e331198d03013eb4324282846869fbd8bf73dfd141629c8dde9de5b2b1058c4f
c261a1dfd48845a405306597f87ffcab285a9d3f1c0d2db3aeb174b2d1cbe980
00844d689b40bdbb650c1a6f145fef46ab6663f00594834875236d9c7fc2839b
5fbbcac2f0efc5e2c5eb9b84b086f48fffd51f6552fe5a611bf3604f91fe6fdfb
81af9decc7e900c9f6d2dcae892a7e1fd190ed37a6a39318e6f0422e1916cfc6
2b7c22b3a40fe62b0f6c51d3e9ad8dbea62966ce74c571cab90cd73528aa8d30

6cb4ac55ba77507c63747c72d8b495ee43a9b65ade00f95de092b9d779092c9b
4ae84d6d88ae1b534013322c91fa08525b0b36cae41b1d29eb221a760e28846
747c9479c7b2acfe19135fab42804f8424f1a88c6b99b5654eed978f2b71ce7c
6c4b0fdf5f00dcb33b9bd5854010ac5fdd7d1bd7458443f02ad6bb3b322e977b
00b2474a9ffecc0d9b37c5098a4fb263a9aecb67d117011d0dc7a735703c8cea
da0a38ae511cded0eba53a40fe261e662252c44679e6bb10ed370165476d6322
32ffbf9eb376b714d7152b1edeafc80b7f223ab6be639e7f2bb725d64df2bc14
f749ac757756fb48d9a4c332c8292139abd13520b534bfe082f83cc036524b80
2af7c1cc1732405aa2a15248ebecf90d32d051d73f25ab8685170894213b6b8a
cecc18c20d7530014896d03aa20a98a1fec0629ed2dc9b66130ea212e92f1b62
9e8461c4e83e7dc4905e2ae14385c76ee332e6e7c10f95386da79ca8134389e9
1d836c7087a38f0a5c344411d271158e73fbf168c85c7917bda387f96164b0df
00121b8405abda8b6c5866ced1873085e3ca20d93898224c17d5b2ea84df3bc6
82bb33c23cfc106cebe59f7b75c6073641f984793cd80b86debd84e3c1ce1c1b
f7b1a5c6e5a6f818357ab5bf1a6e13458887f4129700fcb687098e897b99c88d
956360b27280fae91fb8713786a50943b4d1f47c70ce491fd3c9c5b1f5f82824

06eb1f25899c71f843b97b52fb278dea077d3d0f17f840ed551ee20935a07190
e275c3d9b2c583abb6086c6fdc16347959f28c96a70ac2738520c2278feb6446
832bc02c85c78f54620d1aaf6f878f5bd3923ad5fa2b1a655ab259668372689b
02a3aa285627fbe23f16b788398d6676ac2ef7f0b0fc10a82e87fb047cdcfb6c
00bf081a410d75fdc1fe4d440c62dfdfb49bd7184b5c8f472d4550c905ce9685
af5ac09e482017cb38255c5aebf888335749e7864fbdeee5fffa4f615555a1a
513f1b4eeb08795b3d2cc02f41c0e01cad7f70f20a2c2e9826b253bd489f8233
b839450905bdccd2be6d8adc43d8340a1b54251d11ada206aa3d967915ffd4ed
e5da4812999ad1cef934863a6bc988d11a710e07bd89ca92c2ba7ea5e4504c4c
772b003189206da3734f41d7cc9f97bf39e6e7ee0490e0cdb326f128e1077969

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35c4020d9885dca5249f5e59ebd42b6bb512f5560f698eeaae122168da416488
e0cc2f52375e3438c352654d41ccdc72a0514b89230086e6a4248949c98fb2a
00399686f06ab3fa1961160ebb739ae64ed175748c6e7baed960536e8ce62446
d8ce6812edd38aa6ae8a5cee.fcf98645f344c40eb83173ddf8368404e47868e5
aec9a7b1ca9dc753bc9a980197a2ddae7518f1747757e249785369daf95e31d1
10f374ffa96491cb59e780d3865a405ec7b89c3f99e5ef7bd532b86581f3b9bf

round number 5:
54173fc891040582473616f7455235b3e6ea175ca4cfaa785bb2c0306ee7154d
2f0347fae594608e2d303537eebc4a0ebb6b10e8b72c967adf8d46dabe3e5cd2
14db626ecff60f5f21da802e476f477eed4a27f00734fd7c000adbcbedeaa8ba
9aef21539a3730817b3d547a55527cb77ad2eda151b2ae84ba6d7d69232f8106
 \oplus
00081eedc9c95b2e02fd5654e4d63eb30499ddf.cff499f3a74409150cc3b3bad
4cc01c19b87456c917f1383b640817078721981e9f0f94a46d145e2380711f54
cb0f47e64db5b9348470b96fa612fafb46075351c3cdd73c63448f01eedef20
2517aa663603d7b7dd3773f0eab9704c5ab4b2580f7d1ba33f6b38447c6ae963
For G'
e3de9469f06234e0559034d0ba123754a07b7331e7b13c1bda2dcb68b6680aaf
e5682364f3e705ddc51d39306611faca223e0bca193104b10752c057f118c9b
0da5bc52181bf69805c6587c76f6c5c00a0422783e6ca3d64148b2231f5559f0
ffb60a8a117288d5d2a68752468d99edb88870bd5e715bf70f0f11d6b4295e5
 \oplus
007074df4c435b0e220dcd921f10dcfe92512f1169ce6499372d03f4e20ffaaff
d985858ddf1f8ac26d242ad4ab7d587570bc72683616028b9d40e25588e64fe8
0b24ea21056f58cc153412447d06f591e67f17e99d9e4e80d1c3fedbfef102af d
5951eba0f3efb6fdd07fbe01c37eb5a95e989cf6b08162f1a5d1bcfb32c69873

round number 6:
1f212558cd5eac45cb40a3a1840b00e273caa05b8635422ff25160a2dc2ee063
c35be35de036473ac10d0c8ab45d093c4a88f6282302deb29918f93e4f4386df
d425888243b66ba5aa3941e17dbd81592a52c51b08200fc63e933bf307479abf
f88b35ac34e736a60a278abfeb0cfb20665ff95ecfb5278506452d5f45686554
 \oplus
0052ac2b0cd1fd21aa0df5cf743bb59a74aaf7f4c433e6c85b8dac083e80c9f3
74cbbea3f41994c528e9740974e979103873756818e5f7eeffa521251f504ac4e
89cd581fe7ef8757e656ca924d1597cf139bd5ca70a8dfa86a8cbad5e28ffcf17
a037e6052302c5a09062f97b34ccd8682912bd1785a4ce028f46d95fa1c9f08b
For G'
aee0b6bc216fee779df942a502ebaa322a5c208e7f5882ed00c89c5467f0503c
eda6e92cf88f1fa83913e4cd6ca2bfd29f92d4978512c08d35ce50f7f7c37306
8156731d74ae5410f24a380bf03051ec7b3591a3f2ed56908b4cf8e145730da6
e7e12ae29d3e2802d9395385f32c44e3101bfd6566774ed5214de659840d96e3
 \oplus
00b671320d8878d6e0e5a1d3d8abb55540baccf362acb894c5cddc38d04ef917
d538c1648706ea352da5fc620ad6b6f6421ce422639ed6c1282d945fb501cf3f
44cd88f5fa9f553264eeb1168b18148f1c62f592534c709d8da27be0fa287249
c4029010a04cc1f9e319c8d9afe9a781d461ea92606cf7868f13fe71490e82b6

round number 7:
738973c18f5164614d566ef030b578076057af4206a4e7a9dcccbae2ae2990b7
905dfe142fd3ffe9e47883c0b4702c72fb83403be7295c634aeb6fba472a915d
e8d09da459ecf24c6f8b7330a8169639c910d17888d06e541f8126e5c866a858
bcd3a917e5f3069a4573c4dfc023484f4d44494a11e9878903f400e4a195df1f

\oplus 00aedcd20006f850412b85a8f04aa28be2b5927d350a9e54d2c10bee3341cc18
b1167f679914d9f40fa8d6a50b320a29a5497eea89e8a22ac342551e44630cc7
e6ffe7c9b441ed160b662050c3ee3043f72bb471f057c97603b3d660d9fafd59
8b3d71649e52051bb8aba1b4b21cbec36cab1a8163a186d71397c3434466e48
For G' 56c78e2ce796a17d1ce376da401f676ae6ec7d1df43a79c505406cb7bea92b38
9e28487f89f59d14b618af66740924dd8e30b5e68c164c1de3c4a842c2bc39c5
9bfbe88e31012296a4891d7b28456367576431a1a1260d06ee8301bf5b7fef23
e3baf23d72e9fb3a209b5c5cc5e362c47a17f7061bb953ae5e1828cd031455ae
 \oplus 00f5b4b146a067ebd20a775181fe41386698b9eb8b06adcfecddd91003797e8f
59f362f941952244513e362a18d6195b6c25916893e2f0c9234b7944e1916222
1c646260e56b892e0edb8bb744bf3b195845263fb07b1dd04f3cf8d9b903632
b51a121109feec3d9289d7fa26176ddf3e110d1be6c38a7369580eac8f98c62

round number 8: 27af138f579c310c7deb58c0ffda8c82e23d3f33ae79fd0e0da10c9d685caf21
4b8173b6c7261debd05565bf42265b5eca3ed16ec1fe4989a93aa403499d9a0e
2f7a6dedad1f5a64ed53606bf8a67a3e3b65097887a7221c32f085119c550137
eed8737ba10381fdd8656b723ff6837b8ef8e207d39fe472cd7cd095d3b15773
 \oplus 007749f490fec9d9fe9ffa1612a7b52c97ed4f4ff4bb825700f9ba0d8c812253
c2132587d5a83ae87405a10167aa737d8c7178795417f126e750a9fb21ace197
cd84a07943976f1b925dd209eb0427537fc5a79edc42e067feafca7b9fc6ac93
fde16cb003030c0ba8163655f68d344ff2c80e839da963d1728d1761df8ddccf
For G' 323a9da136c696cee9018bc1e126528074c4f67f3cd40ae99db5a7bdd055b7c7
db2a86c860bf50e726994c6cdf3d86e215248e1ff4bcd4c08fd106232d5be787
9f8aeed46aabb8aa5296cc6cfa90d6c2e063c25a21bcdbea70ce32c0efd91156
a0e02c7b171707b2128ba6e3f40f1ba9f6e7d7a5d56b09688da827cbedd9cc56
 \oplus 008157119fc5d7bbbfae19e18389b95c5ee76843a12cf8cf0d12342df647a6b
808dfe27279c8ec7810fc349fb64519b6d896eacc785de5b68c8060ddf000a4
f8ea26b1bf7bf988ec176dcafc829c9fb53733d0e6260c99d72f536592d3188d
d15a047589af8ac853e02a7eb33d98f615905ab2f4813fe7c3d31c2bd539636c

round number 9: d85a7bc773ddd58374a2d6ed7d39ae75d0707c5ac27f590d58b690e4dd8d7289
925631128e2703a450c4be258c2823464fa91795e9b8af4e6a0df868317b99e2
fec94ee88357f7f0eb26213a25d6d44a0aee65be5c27bcc5f4f6a0393ada413
391fcb2008df670735d27c97bb7347c30ec844e3687a3bf1c7f40c3c8bbc27
 \oplus 0062cc8b0f2205567fc696e887cc90209542f0cb1f555945168ac1919683e8e8
adacee81851159dbcfe002fc741b53a1bd6feafdc5074800ed9958aa3a4334f6
c7fb61f0e385939fefc219c6fc8b1ac7885ad088325b776f579ae580904bf068
9b670cf19a3e151847471bb9138aca5048b9dc8ba3ef88d402443a7663ad5268
For G' bbcab0a903417556af922062afebdc2a239e3c9df8f22690a793902d31cdac5b
a7783a12c6980b5e89b058408bc3fba3fc18f538c48925395d8643f0abe72367
60c865d5d04122be81a1a606124a5d5554f18ac79ad773a7e161a57d0a09db71
ba280e9eb88d7a416b8c9d4732835fe3778d1721ea368f4e7b3be038e0af3a32
 \oplus 00534d59ce7a2b4c65b1c1ea441f994131fc543ca4542cabfea7950da8ed2e21
6cd6334669fccfbb1ba7c7006a6042bb8e9b1646117392209a36bb0e33fd91ab
c24e0e3bd80cf441d26141ea252b034ba3d97b5a80fdccfffa62424a8cf86d5c

e10fbaecd2158c33794aa24e061f7bb10e6dba01bf5a065c2000134b408087ff

round number 10:

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For G'

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round number 11:

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For G'

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round number 12:

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For G'

\oplus *a7ab9acc069959a4a549001e73f7a000bd71c6df87a4ded9af7ac1c44af4228a00319ae0a1e4af5edd13e0c1328af7a0f3c8517394bdcdf874fe486c03b26bb32d602106c47f456ef9431f8242063cdac0b8012023eea5aae9c70b5678b758d400aec94cf0d53e654390ac3fe9b190e83b99244b7b81222f7e02d2a81283d016922a8e13df942c40ae54c8c276f5030d446284b420ced74bb91eec2e245eab053a1d9daf995de548f83a03377a6b8aec17f2485816caa64efff20cfffee54e5612e4535071dfe5eae83d403dd7265440e881b629aec3c4ee89104d6885f399*

round number 13: *0566f5cadbce6222e97e5e6c5e97a94c3e669f37ef7ec709658c6d1eda240375fa652973ef0748d0dd8c6a56ff335e6a6b2602bd7ca6dc5b92669e98cf49aac9966ffd0df1eba138c65a2a7fb94b41ef5b26a8440d656155eb618270cd859264cb1655493d813abee70e59248b935b9c97dad9eec852af246c565b9ae63414bc004878ee022116fca32c5ab36fb026e832d76ed79ee78a913ee042d37e65e18a6be7a0528754bdb56e97281695bb19f36ab38f6c42d88b7e6de94170b09f2a8bc991c3c500110cc7d73658a364574bee024e73f71fed2dad7a82d7fdc2363dfd987d03a4b8b1aef90ec9a7db1fbde5842c0e6fb47a9804dfaeca20f8bb0b2bbd7ddc17f8ee25bcb5adba8df7d235bc048eb4b59acf579d89d41c38a4059b8b139b0421546cd88e5e754d6b1815503b035a45b3384100ee4c3df2864d07c21050b877d0e7df2bb95ebdac205f09c2a1fdfa33bccab075e3a01ba60fc4c8efd7b72c555940e9a8b13ab22c27fd11a8ea05080960a40666e074e1b1b1032ab4dd900b24e54d3e9bb8c05617967f19eaa74be9fbad5277e07c24106e58d33734c0066eaeef4cf2ed0989560df1205c406fe990cde918a61d80ec9748ddf6c79617316d865fbc244b997e92f9138b71788ded0c3de297d9b13de76849442b668d6965f82826103dba362e7c27ae180b47dbdc22f0a440c6da6ccc9712a21579a4fe7*

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For G'

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round number 14: *2e8d24d9ef74de4a5204df31278fa40cb1f1e071994d985b6c2fcda441e2ff918289216853f565b31b42406a88479901958dd13e7e5725ff8fdfe87fd680425ffe3ec8f1faadf116c72dcdd1c0a015968dbb312884cf891e3558d0fb3af99536b56ed85309447e9c7fef942ebe18bbd4b65ab2caabfbc29c7b625d3f3f010500a6719cd2297cf5a3486ec5a5d5f4a90af4156aee1bb2ed5d155411716489948e9fd10b9492930cdecfd71f51eee5daf99b5785169fc7de7ddebd13a54bfc320d1f8f0d6c0ddb0136ab6d844c6cc8a5082b6a0377aa0052264782dd568724a181d80de610cfd8ba6650cec265ba0dcadc7a5c3ec05c86c8ab4c341da0f8e416e59ac3dcc0739a8dbf4988cbdf1b4f674f18c8b8b7e1adc472607732af4b15f5aaee189e3587d723409a38491054eaca885a20e71d6ea0aaba5bbbc0540761d5f18f59fb6020202f5533d478ba2c10f60e5e5d69c4de4773ef4be fae62bed2d47d7f50d4128714ce0b89e51aef31d92af9c4e4c0bc8cb876a31316531023e7d00a4d9b26a97bb916235cda73af1b31afba6a4efed6979f8db846f4f531085e1a7cbfffb98380a8b1c649bda9a9a62207ed981b2f341ba784adfa390637ad2644ed0d03ad5d7c81bb028fb01ba07d79308d6d426d9e5fabba1a2deb3b8dedcc93df27d191d920a653edb0b6a9430c8058de19f3118ace76f9754c4325d5af959*

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round number 15: *2b55453d5da2bf14cb1f4825a50a5bb05f51b77562ab6313a99b5308676050c16f063c767f6bfc58d9775d9a97cdb6f1464462f3ed982680203aeecd4fd9cdeef30012c6d22a17f186a0558ccdd3385905b2bf365894c131f52266c7eb1973*

\oplus 4b6d5b5198ba62619bf37808e5b8677971ff7126ae33ae16cfa11ce5308f442e
00bb8124bce77f09cb5a2cb63d5d92fcfa9b62af8939daef19d9e773022d6bf1
0ae79f48ec33212eec9aae8a290476b5496c96b760e0faa5fc16f7da6a8a4157
25fee8134d19a433d390a8c0abf3dd7a2b074e5aef84cbd7f4c0136da0db348e
2d6c0719bb649349d29119109c4bf9230f80653bc6f1d0a194155ab9287390be
For G' fd758fa6908239b9c1552b870007ec8f572864661763249ca2683c79e434befd
651e727b6077f9286d385e0b9f2c8cd65c23bc82975072e17a182c663aa47911
c825a563d5ca19457bc64631a5169c683331f045a81ecc24d975c16bc621be98
f0249c9808d71f0d0828f8edf9dca7185b27d13642ce8fd65f5576c58c7246e
 \oplus 00abb54aec587d92e18723df38c9fc6970983d0511d5ab5b20df18e224bb51e7
34fc0e1b8be57ed548c6282cc2f98771bf7edc62dbda802e6ce244f25b18b84
23a71cac097ac302ef6dfd074288195faf010ec70c097cc1ab99a3465a637733
1780edf2deb84cb529a523c12cd1ec9a2a78b5d3e37601a1ccf83a7ed1120a06

round number 16: eec419e145c0f887ebd834670d3747ff6e79d8df136cde23405243845b6efd1c
17fc8f8bc59eeb610ddb538078adda5d08d0985e3978cdf155936be77dd89ca
cee93f203b054ccbfaad98673e0e427202fce5d9dc5f16c535310b67302df66
015c4823def1284962611879f39e5a7e7f141d68c27eb75bb4465c18fcd4902b
 \oplus 0002e36193bc1ac7c3ec79af06cbda37b866a7e6a8a92bb880c23f15bb819dd
eb28d88a1e343bd0c5ec2b164853fa308fe3a44be39a505e854e4a57dad3dc22
f79a8e2ea5ff0c53fd84ea6dfc66b521aede7409f7450e0eccc67c45a4deb3f3
c8344c73c3ea40028d52dd957143cd87fe54bf560c1414609ebd6aa6f5849225
For G' de3aec7cda442b20d2085838ce10e627b0596306b68fc782b7249bc08fef1a51
e27c60eb9287fd25fe76275dd50ba7e3f45144baeddae39cd608291f15f295eb
82b9cf9c0da4794abbb36e79e85379c30fe82a417b0e572ec622d9c42c9abe7
a4716ad66f53b8218ddb2cd34c26ebafcac8c0875ae95ca90d6d1289d52e68fd
 \oplus 005a58598fee99e4e024f97e43afc32246d2e83d39360443fcbfcdd9452d201
f0ecfb8f7b57e275dd628c6004546ba99acd45c1fe2602b00846901da2aaaa90
f5f554e8f78f7d0597e778a9c4fa7a15cd6523947fda89536c306954857fdc3f
601ecbcfed5e13e51c3054a8c189730886bac7edc09476e3d9d10e196e084abd

round number 17: c6fa80d67ce24028344dc8dd5bfa5c15ffb2a179e64c98c85e607500d6e4c1fc
d45701dbaad0b1c837789630fe206d87333c15dae29da090177ce9ad0e55e839
73b10e9efa40980729720ac268f753ac2291d02b1a18cbd9f7772294f34259c9
6804501d1b684bef33c5ec82dd97f98140a23ece6aa33b2afb36be0950020eee
 \oplus 00f93a84ca817f5cb02c4fa4d2b5a60ecbf888fb9c1db47ce714f174a3b1f676
c0a10e9c20e446b9678e7ccba6bfbfb31b053de0d6eacbf89b7797bc4008a6ef
476bf4fcb86fbc2415f6ce98ec9bfd7e894ee90328ba7d4ea08d28ae8858451
a25b21b6e2a3811742caf9f2b1aa2fc0e22eead8a51abed442b7579d2b16f5c3
For G' 60b42555aad2be9c0a17af2a2a1a1594344d85651ca7c688ef671d1bbdc85012
909b64e9d01f502314ab3dd15fcc4a6e9c017b13fce12cde4eb902b7583f7b77
4c9b3447553a913c5c4e4e5a7f4d89fd9ba130686a6c21805244c8c7b677d8c4
6fa119820dabc491eb787b8daf98a74c72076a9a7d2a4ad4bc1c90bb262240de
 \oplus 005abc8e3422d8de99a6588906ad23d9d8592ef2d2628caa2e617efd426eae7f
ef8858b36f4a3df7bcee29e8b72fc6a9b9b18dc964222fc057a102925f0b5373

2584187a8005b772f6b54ff6bafb3b13768613aebaefff56a204b2882b6021cc
f4b5de960ef0f2d648979ce1f0df4760dc3cc6edbcea191bd95ed5c0cca4994b

round number 18: 03ba52b6633f7484618779894ffa1b344a29827a512cb4b97484747555378a14
f60f478a34f77150f6eafb589fd2342839283a34776b688c0b7e114e5d4ed634
da fa62422f24b5682d662be63eec7bca053ebb28936c0d1d7ff01e1bc7dd98ca
5f71abf9cbca f8710f15706c3dd641a28cd416cfb985feb981e9947b14fb2dc6
⊕ 0071b1bd0df1001ab8a635d128044ee4e23eafe1375d15076787c69a8c433d64
4f720c2e18ab1b98608fa5ceea fe28057c25514a978de70a069b38d067316bbd
c3e7ffcf766b239191abd6f8a1348ef88480c23be6e3161bbc3d2b69fe957f40e
17d347b946dd5631e096a5dcbd224873a47b5f225e51ed2898cb319578765067
For G' ee99db9ef0664293b1f7a32cb7364dec14ab97cec54a22c10663e6ffa6fee57f
133c5abf556dd4a8451439e8e38cc725b0f6da98c3031e191800250734280469
1f2c3dd53f264eaa fb01acc5b6b2eed2723c6d4c2ded6f0407a4f9d17f9089b
14c714035b3647a3efe76c5f47e02cae3bac77c1c053cf6542457bea86d99560
⊕ 00ff8f2d0e7511725d5dfeee5d770fae9d7feac251f98d0ac1736e75c54e1ad
5c962ac5858fdcfc44d23fd5c18298014ac45fe6a9696011cb08e373fddebdb07
bfa57941e1c310babd7ef282599285c5429e240d4093ffa472b8803c1be72228
3a0fe30cac1c63a316c81035133c02a5d1f4f481b98c9602c63e147ff88feb3

round number 19: cbe30b6ece749ed9214c5867fe55d0a8172d9b6671a1be1303b2ef974b770b9
7d4ba42c5c6ac896655e96752c1c2d450d6b7ee0e68f860de5299e3a7fbd8919
1d9d8549968c7137db446c2da494424d329896fd5d6ca6bcb22a8842e8a6cc448
a2ec408d17ae40ef83d5b080f409d128af49ede7d413911922a5ee6c8d7da103
⊕ 004fabf957aed417e216f14f66c79ed1c13c93a7b50a4859e21cd49edaa53ee8
1d262d9f5552b87a43e6bd8a79370fde196d55f84bfbbff9353778df9871446d
c7efc60f442246d5b1638f69e0b721a8b8f2c6a676499cdc5056f4ff53a4cc00
ad29116c94d12cddb7434c6bdb03020ac8e523c60d1b242fa8bfed6845e37b56a
For G' 6654b3fe1353e1e3227cc252e13d16fd7c6962e055ba11aa74d018faaa04d24f
aa707ad0e2085401c6063d220e5f24fa32857e6a6a7e08d308c674c9f6b96ea0
894494dee55e10467f5e47ef206b2865bde2d9824d29b432c2cfa10c1e2ab32e
c8f70ff72a2400f92f7c6a54dc2e0bea58834079df5967847b6f9579516bd3ee
⊕ 00753e069bf0528da81ee50e5067c378cdb84aac7eedf38c254df5d7c958b496
a0a256b0732d790dd9d37a10e532dbd00df3ecbb012b45bfb9e7e6b8c1070ae
f163757d62e317017d2260fe11800919edff46183724420a06858ddd6cf27b46
c110ea7dea7907352ebcf818c1e60bbe43306973d7100bd04ffad225933b9bf

round number 20: aca09799da4acec35aa92898924e79d61108c1c4abf64ae1ae3b47ae124e5160
6d89b3093870ec26b82bfff552b229b14062b18ad7039f4d01ee6e5e7cccd74da
724346d2ae37e26a27e344442363e58a6a505b2b253a6072fe70d1d9c808480f
c551e1837f6c34f7e1763d4439f184211bd18705a1d3e3a95b38e8d34a1469cb
⊕ 007c703c42c1f4169658f4b4610851d862f3228fe178dfe4bdc518f17c099c35
0e76fdfdf2d7998988652133218c7a14ff2fe48b82a6ac121f773fcee28eb91f
65cbf71d0d61af6e9d86c8c62d49268ff0c826343179c7b8d52013fb30a31d64
a091589159f4c3a551152b73fbd7144297e58ce238be5a4bdec54898297875a5

For G' 218df888a3b36e8a62275cb15ad585b1d1284c2b55c226519ded2d635c66d90a
d22c6091252d0c1fd54732eb6df2a3f7692d16b554d6cb3580aa27aa91e0e78
27e1a387bd0747027c271131eb217c501d9f9a7a0df638c44a2cd172d8c86809
e7e58ac05d07cc01c0924c1dc80054bcb046eee22867397f90385b08586a5166
⊕ 004016ddf722fc8efd3632c1aaedb4e8f1f7673ed9ab0aa689b0b304ddb49d8c
8de6a9db4c13abe9bfe223d81b6d4856ee329dfd61c783ed8489723b6cceddabb
817c2a2dcc404a76c55fa6f69979a663f642114df61f36daa425587606d73e32
fe13c31a9c28df8902ca8da1bfb3dd80c99a1cd0aa97c988e7fd2b91f7d20387

round number 21: dce7a5988b3ad5ccf1dc2cf346280e73fbe34b4a8e950513fe5f5f6e47cd5563
ff4ef4caa775af304ede660aaee100f904fc26f29f58c20191da292e43cdc517
88b1cfa3564d04ba658c820e2ac3059a987d1f1443a7ca2b50c222f8ab556b65
c0b9122698f752b0631637c22690638c340be7996db9e285fda04b636c1c6eac
⊕ 001f6032727dbdd3f7dcee2e6a4ffca1cfc8085914108c4ee3ec42ef31c0deb8
89eb1b68a99bba1e2b9d2ff0704ce676179ccd32ec5e76ffa8c9ce71c96b9a32
296313e5e564d456b5637e2106462ea3aa1fbb20468f0404fa8abd3a4a56a2ca
7421f11c4a6758abe1f52fe2ee8bf26427d17b0f8785889e34cafe2bdf594ff2
For G' cdee55549192049f116e70f038315920df2b158c692cf7145d9e6781d244865f
cac94a693ea7f66aa511337692626998a04c96348aef5edc83d041c5d0d4c3a6
9d89aa71470d74b978b7c77258da33ebdd8b37fbe90e1eee098904de1f563b19
⊕ f649dac12f1388c258c1bc77b3893c79dcf23282f0f0f777c57099afb852e121
008f04ffe349b74071721667b60e87ee6b12292a5e3fcc59760b7ab44f4fe9f9
d372953f2c3dca52b9c002aaaa0f511e7f0c00cb9e64043957fe8a02ca67db21
b18019a3022f271ee5db1f5859bfede58b38423023955a739ec985ff9e2f4831
0b8b377814973f0b57ac1a85511c6305b06a14acf3ab2e85e73a640bba1b564

round number 22: f8c5aaf947681f0600c2dd2c67f2d2342b43139a85895d1db31d81760d8bdb76
a5efa20eee152e654349fadeade68f1360ebc07306b4fe3913e75f8aa65f25a1
d2dc46b329d0ecd0effc2f2c852b393262a4340528ce2faa489fc2e103c9afb4
⊕ 98e33ad2900a1b82e31820c81b91e813da9c96ea3c6a1bc96ab548b345215edc
0096d1d10548cdabb7f6ca4c52b1fad06f44d52d2268d68cf142faeccabfc90b
2878cf2320d6d225866da4644097b954919d814b937462d483339ab0b3d609fd
36d9008c296f870bc5ab6e9dbed57a6314dba6144ae3b249469ecde8fc21bcaa
2542d8c4c745f971e9c3093e945c9920f3f963c5d95280c09da2b7cd1242a580
For G' 6151ab72dbb3df601c66978e3fdeceb4393ca637133b4d2b951d359d0b6fa619
bbdf56129a3c381cd131dc386d3886df4096ff148b5ae5d42ecbc71ab318872c
09b3d2452253a79d6cd82a0165de0e56b375cbca9b449d9740812181797328fd
⊕ c2edb93b84b732edbb7ddfe698fa4987f493c83fca459f9b033fef03f35445cd
002aec1d5b2b375cec8a491d828bafa428c205207ea52e4ad92e4bc91477b40b
932f0d6b49dac28bc376409de93b13b9075816ab674ea8073c802f5896084b98
aadfe835afdc3fc62491656411f8fffe068473f8dd24168a925e7ee8e21d62991
0b955a76d9b6b4979d0eeae2ab28504e7710563395bbfffed07f4edf2a27583a

round number 23: 537b284220d2adb7341760354328e44407c6b7a7e18b91425f7b9ac734127d8d
976d2dcec3fc40c5245ebaed713647f176413895c09ced90d4c53a15892c5ce4

\oplus 05463f00bf6bdb2a5741b13bfe4351767f9211622d9de30e010f09ffe8131ebd
a1e216574fe2f30adb29f68fcd71332965f52fe5389b09f717ff7e5763fb5cf8
00cb15d8c739c70f9003caf7f3210b52e8a34f2d0a1fdf3ae85799443fe5b498
853110c71372c7d99bfafa31de831e7cf88772b8066f095de7a1d40526369cd6f
4eb8d9f9a9ee646fcd5011d88b598d01e2a1248cb42f9c49f9d497455931ecc5
For G' 85f1cd37752ca20809b40995a0fa7f5b693e2cbf5d52519259ab38fa631d7c6e
7b476f8098e83cf0ecde93bd55611011fea3176d9e63614c337e541f18121228
f05b79d3e6fa9712479ca58403956647cee9bfec144dd3124be8422510ccb4a3
6c3a708d8f985b48494f657426f1b6db32f4474905f53e6566cf0f58a5016cc9
78e34d5d01867a2673350433d219c983839e0c5ffe6065d340a1dcd9731df761
 \oplus 00e513b0f92d7a19a27607ac36ff8f4f8d2e9295df7ab1b1d0f10f8eca1a3da0
4d6d87f0d6b9deb921ebc3b23753ed8f745b17987a9ef33aa23385715ed69fcd
4330361b14edea9552f1e16269ca407e20a97b7f167ecba42e2116dd41ccf17
f385085b7fffa90d638186174ffe97d91238e3362a22464c21c197cd65a8211

round number 24: b03d9ae7eb6ab8a414aac2b009ef16ef65f88aeb944e78b72c03830bf7c91512
5c3d09d08e871cbfa119f09907a03efe361315a66c784eae87a47ea45918b4b
fee6f91685bf459a11a0e3751adc779d3335ee99b27f47f8db9ebab122f27824
13db603ace5102d29dff1a6d8b4c720ccb035a65c958654e5446ad00e6209653
 \oplus 00cd97b20e4138cf65213807e2b5c019204c2b3081e79e1eff365b9b22528480
87959751f2bd5f8f0f2a30b87b2dbdc9bd8ab44ee215a4bf620f562c60aeebbe
96dc286d41dac8f0de05d6b229df77fadfab3209382ceb01982e4e05fcb721f4
7275f136df93773aa112db5e2fbbe398d4a7b9b131def3c7f1add4362cb62137
For G' a27c3061c546e94ea89411639e9f5e738d85f84119d0fde38f5b91d2082f88bd
36fe23304349ab6677663634c68bc8bab2a8746ed32028e9dbc7544e1a2b6e2f
0a46969b75b1e11c607b62006d12dcd0fed0fef492d2df242d1e35711da3de8b
6645067e7960b6a50d1c52a6e620fe12bd826c9cc241b782bdc5a5a54775707b
 \oplus 00363a9d096c170af39143828e38a9421bfa6292fef620088034368197a82ce
e17307bd6a9624cb0718fa729b86962831685fd6ea53abff2e9f5448d87f3a0e
372249c99ceb43075c828fe1577dc032e954f207bacdf75b70f937fb17748e69
f17e4a007df26bd54940b04b92a6b8ee63888cf569593478dd0effe1bf66381e

round number 25: f00d55e52b806b718bfab7eb5ad6f645b4a1db15a9e6a9d335d890d59b9192db
a89e817c3a4330ae33c0217c8d83378b99a1e88e6dea11ba7511c6253f66f568
3ad17bc4658d6acfa535c733030067ec9edc908a53acf943b0f4b4de4559d061
ae910c11c275e83cedc133a4f791941fa4e3d4f8869689a5eb7936ca96b764b0
 \oplus 00c9e5dc0e90a4f91c31dac1937d55ea06caecfc5ee143b7213a01e3f0cb81d6
b688989485d252cf0b756b88e41b765552e461b0e18de714765939f5ac8e5d70
d2a9207bc1d1df725d344a9044c9fac1d4f555c8e5f1cea7b400f7ea686a65f7
8b63c8b18886fb82eb1e09711283e178e9e0cca207ea46b52ffcf98ccff2f2bb8
For G' 4a0afccc2afe445b0552e110a7f731967f9ad3e72e9fe30758d2ba11550a73d7
8d248d29df8fad707ecc465d0d5e9283c02bb839738316f5580006c25454213d
64df52e95aa21b3cf9ede13a6f1ce217840cf3281f287f5de7028a0ad750e297
3b4c7e0492dd70445ce2ed748646fcde0ae069ab1883fa60cb5a44f8134865a2
 \oplus 00abe0cef746d0369a531dfc7b4ad525c52133a11ad24c18c3948a5d133bf2e4

83eb252a4d930d78e5eb40ff7c37052b9fb4447dce53b4f179856717937f8f70
d303c1bac39ff2e96ff974575633a05c72daa59d01d63c36fa2f84d86a777b2e
b0ff9aea7b867e5f895ccdb603572af5974ddc4573ccd45546bdf2a724208f24

round number 26:

c4b0392510cf8897cb6d2ac9aba3afb26b37e9f707ea6414e291366b5a130d1e
1619e8bf91626138b54af4699841decba45893e8c67f6ae0348ffd093e8a818e8
785bbfa45cb5bdf8018da347c99d2d4a29c542b65d37e404f443342d33b59625
f2c4a04af313be06df3ad5e51275674d03185a817ccf10c485ae0669984f08f0
00fddb3c6c8ac010909d84c0e17e07575698f3dc38bb909e69aa19ae1ec2fee8
73e08a37d493170281cce0fca6a36c8e39f70481e2899ab220a13319e22de7aa
c2c42d710af1d9e17c5439cf63759b6932bd5d8e7aec5a2153f5e786d4ebbb7e
2e657385c049d5a5969a255d1663e32c04224bed9845911fa95b648edfe86bfb
a11c02ddb8946d9f01fcedcbde4b3abbbe046344daf1f9b46304c463181330e
cfa803921ca0089b2706a2716997a85f9ffc44bdd0a204218561d5c72bae4db7
dc9353993de9d59614956d392f424bf6d656b51efe436b1d2d0ed2bd2799b98b
b3e4eee95b0e1bd5be20c28511d62b9dadbb5ee6b4f2e358de7b65f3768ea864a
00c4ac086311ff2b4107fdac820fa3654909fa9192f8db6e4bd282fe27ffe6b4
9cf490edd4bb465952c9c919d99d1fa8d915e98dd01a5887529489e3b8d56957
63527862e37ed29dd9d7c327494490b5e935fd824bd9f53153179be40d5a0ed4
fce4fe751c2f701756058a30b487c62099f6c77623e1a1dae8daef4a60ccf6f9

⊕

For G'

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round number 27:

4de2197c4548875bf0ae094adda8e53daf1a2b3f51f48a8b3b2fc544d1f3f665
f9628845f1763a348614953ee2b2457c7e3a0d857f34b1685ee38a0a85ff42ba
9f92d5564464197dd99a88aae8b6231b781f3827dbbe25a7b6d3abe75e2d5bdc
a1d3cf335a6ba349a0f0b804168461073a116ce48a81db2cf562e747a7630bc4
00d8b3465b3786da3c9cb2a3c25ca9f0ac57e0ecd1e91127c2bae7e2e1715904
9f1726f47df18a3b707e4ceda32b279bf9ff790a88795a959029cc54e4e46cec
655d7ba0dc183bc6b9a0f0771d261f29d2fbefa534365d7485cf4125d125675d
caa6d5f671e161b58a6ae02c7806b7a8fa9b67743931a80cf5e9efbaff2e7302
d8aed5db8592b440fb11703feb10df2e9bca5df57c4f50de2ceb8167ed5ba53
5c937fc81b4ec275cf6b68b00ab7f746e9ad3000b85ca6d7f55c24937b24e0bf
c12bfbd97070bcd42ae1e6606db433f63489cb59a9e2c7e1949592ac3b75f4f
00109c47216bc2e82548b5a551edbbd3443291d6ccf94570f6cb07d082670b3a1
00f9fb8efdc477d20e069ef7bfba faa5ec000bf0ad9aaf744d47c3f729c6365
b1c4514b35852a2a1c5c0638d7a5ea04a30f4fd786fb134ed67bcf6014754923
a3765bb3c59b0e62b5ba2b4324cb67b92eb213357fe1b4f7a9f8839aacbb4832
75f03b5f486a85ba7b7cd11933accc76c3ad7477b9cf68a7d9c31d8cd5d34bef

⊕

For G'

⊕

round number 28:

3aaa3a1e7f0181cc32bbe91ff44ccd034dcbd3801d9bacf99522a63082af6166
75aeb18c87b00ff66ad9d3419962e787c5748ff74debfdceca465e611b2e56fa
cfaef6987c22bb603a78ddf5903c32aae4d782ef8878d3331ceac28f083c816b
751ac52b8ac2fc2a9a58286e82d6af08a0b90b3b07320008b08fd584d78c64d
00712f6d4888eda7930f8402634207c768a4350bdd8c10f9bf385e8381879dce
09faed55f37d00688d93edc21c98222ff041d38876bb5481a240376e192a3eb
6a0ecc9507cad7a59bbf715330f3f306eb0a56622ef04b1fd8200d30366a7a28

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For G'

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round number 29:

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For G'

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round number 30:

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For G'

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round number 31:

	8143e3792a312a92dc1ea77a1a75df7f2b358a042dfee93a336a5423f9ed99b6 763ed2b2d84628d509d56ce4068a90c72174587cde6c62669df610154395637f f3b999a0a08ac7470434d43dc6fa7193d5e427b403cc7f3dde9fbddaaa90d708
\oplus	00df1353e143e84d2595b1c57d617a01df64152bb8e0b125eebe0f4ed57d2187 600d92b8a7f2f8d90c896d541e20903afdf2783528399dd051e68136ee25ce2 1966a548070c4503399d2c7b522e043df1efa3acc830f8d289d5b9333531c989 700dae9a3ddf3603d673f6d968fab9bfe59788c52639776c6cdda083d628f529
For G'	4884475854233f79550877b6649f118f29ce87c05bca9a7253c5d29a1ab907bc abe3ab712c02f2075fff55ef6b67522130b8bb81b24c2e13a81856ab122af2cf d75c72c353fdccd3aaa95ce0c59c3155594b7342ddfcca4ce8eab140f2afdfdcf 41aecc0ea6b2ae3431b8e93918770f58013cc43f8fddd8cea6ff863e7c4d4fff 00565aadf1b36e9d8ffbf01333bf672ed516a4641ac7555f61b3f468cc9e6d9 ca3abccb5f0603820a1f9ab186a3f95f242207c65755ee6146e60fd845331e44 b370eb4058ffad97c333cfbad17526baddf04f5cc31ef8e75067aad55ab843e5 a3e8dbcd8443b358e261cbf523ffeb55714331bdb664c509a6edfda6852cd907
\oplus	
round number 32:	333b8a4b9539dd29c80f7425587ecae380ba9add26475eaa8ad9c9fb42883de1 4e71c18dc3d24bd097ca2e04554f45d6caad877f7d70e736743c30970fc5546f 5877fadf4a6dd63048409f54a49fad09bfb0165c9ab41423a92676a4aaf683 b4373a9d55f144d24722e4ae00c82c3073af7125f50851b2421d597cb82221fa 000590b90da61db51aa34db7a63e1c262972b691502f1de1e744ede73a2b87a0 6a818fe2ffccd6543a5b2e906e337919ef58242924e1032160519ee8b63b2898 f50b5cfb4642d6ca559a873aa6afa0cb25ac58dccf655aa4363f9962fbbab2d2c 4efc5392b155119b01157b76345a32774e4a764fb0b14e86138c1e89c5d0c7f6 d21df5a59051e4daf38bb757a4e7fdc49fed861a66ef27a5deeddc9670e16561 d917bad904f18555e0cf5eedc4ab7e149abc47e519c072ee5e59735719ec8b64 2c99830b026144699a935a14e917ef84bb3c1e1ee23c29deccbeda7045be2ae2 4617c322f11d6cd3d922cc3b88e40d707ff58239b91dc700127b98f96196f848 007c270c8e1996eaf9a95a97f4e87a7e996e46d91134ae12fe9002749251b2d5 0de9084ddf41473473c89721faf70016979cb2f4394fb544ddd5c5129115bee def2f35843a91e6295d5ab7961619dda63d6ea6be0dc07d5bdf644d7ce57284 cbd7d04b20e96fafe82a474a55c68aca8b79c6cc684d645875ad65c9d4813e9c
\oplus	
For G'	
\oplus	
round number 33:	3e1af2989fc09cd2ac3992fe40d6c5a9c82c4c7668434b6d9d241c78a3ba4124 f04e6f3c1e9d84ad9100943b7c3ccf25f5a3565991e417146dae7fb9fe7cf7ad 7ca6240c2f00fa1dda186e023b5a1bbe5788ca93ffeeb01596bf145f01dbaffa cb690fe4a4554946379fd834921e473de5076a45b91f34519147f57df2e60c33 0081525b9af202fff8b85e497137ff5e12056becf963279cf54f47fc17b1 6ac11500e141e434a8512a4e6aa76cb085f93513db2322c5fad5c43de3fdb40d 57c8161ad660baa626f7722926a14b506a3069e738ae1b39e338896ac37341bc 4413e0458567e21f4d68710f0f938bab62c8d93a953eba42cfaf4be9f415b64a 61d2a91e4872300c22edc0500f87ba0683c0c377db89b7207ddee2e2b0d7b4d4 feb294dbb0c2619307c9cc3e5c7e020d20f511208fc7aa23862f0630fdd08af2 6b705341c85a0b0f46f16d8876725ed8eaf47502e02e0b7141be3d395b58668d c01369d1f4037c31088b71dd2287baf48c44f5d150a35867d6fd30b517c6d4d2
\oplus	
For G'	

\oplus 00cae854a03aa7e656c71534b911d26f76453fffb55968354d179c73926262f0
 17c97d205131bd65ff374bb7ce1a35f11130dd4c22064757f8b482a35f7ae82b
 9f095fd282a1a133aa7381f5c375a92a17b7229f0ec536123ab3d76216e70650
 b4fb60ad6c637a197f0445c8f9834e3b7c965607c018751e7a0f85a47e0fad23

round number 34: 9ba0c305329e2d5481ccb731e13af7da29279a979cdd5fe4ebc937e44656959a
 8f7a3cfddc60993951be75169ba395705a634a4ac735d1977bbb841d8143a02b
 6e3216f96040bbfcef1c2b1dfb50ee3db8a374c740ab2c75879d35c2a8ee468f
 7aef12132ab597af7a93b9d8dcc9687cfb37f2c218e135ee8be9406f3ba793e

\oplus 0066fff4f335381d5b94cd1fd93f215a3608a9156b1a53dfa82241fe7ad5f7ec
 e66fb513c9025c30e6e6282f88b6eeca2d876a4b8b7f3e05bed3fddb200b66e6
 702a3e1f5984e7ef2ec24cf345fb2d9b89afa780ebcb17d74f6011eea20f2e9c
 6e85ff8f8cd275fe15c52d84b32fe5158ece5a797cb71c24a0faa227d9972386

For G' 18414ae84897ea742ad564b6966869f585fc886ed0df1530c97e9122b5d624e9
 7be9fbe1f3dcf6f8fe8789926437fc31c5cc6cadcl1ed747e9b8493a2aa62d9f4
 790c934afbaa3cec82ec7db507f7f2fd43579deeeb3d637b0dea5b4dbf60dd74
 e8097c98600628778f3415db04f4cf0d2a3d690bb2d79acf2b51169c979f161

\oplus 0059d979fe43f10adb6aabbca456cfd28dddbf646040cb5218a28f7e8aa6ee734
 3299ab879c6ec9d44b74bf02e9d2943f626073d7dbaa7960664974dfdb57f7ab
 ef4f1291c024acd6844e57ccc2ab878607e2cb174bcd976d7e1dd5e5fc4283f5
 e29462c59cbceeb1a2611af870e3bee4dd014cb0859c8d92e14adcbdb3a6e8a68

round number 35: c63cf1c1ab1549da587a2e3805d6801f2f3382f7c70c3b43eb761a3c83627669
 1589ec1562c509b7585d3913157bba77e420014c4aef92c5687bc6a148c6cd1e
 1828e639c45c13c1de67eebeabc3a6310cd347ab603ba2c8fd242c0ae1681314
 6a5eaebe792c84e26c16193ee37392417d25555d390f7a484436212a2d5ab89b

\oplus 008e745686df57a82f88798e38d9fddc1bf3880a6ea98f981cfd4c80a6f89933
 7fb2c203fcf7ab5b94e95178d7a9016642c9374517c0df7174919f6b4a72de42
 5c7af2a5a672339662f65ac1f713d1aa2eaf81650b562ac0ee886d3568cd691d
 607fd4dd1d6c2e41db8583348960190707ed5b305e1c32fa4dc18f32d34b09b9

For G' 189391b6d41b7ef1bfef0ad30494dd58277e28d4d3a011435666ca1fb8c3dd49
 7050666fb23f2cb5f336908de5680ea7ac1f7a1a470d1efdcde77d71352e5f96
 4381db3b8e903a06a22a79c55c757b44b556f9a0f0f41673f78ea843225e810a
 9d1e5dfcbac6c62d550f23741771140fa29a203eb1f43e13ffcd4f3177b0918

\oplus 00c668c18df98d41dcd7b37973bdecd2bece345e2eb1580eb2a76456597adcfe
 9b6dd170c58862754501322a390959e978995a3bf863a3487380d48b7fb8052c
 3aa557a6d8d1dd25cacde18473ca1e5096fad48447d55f8dc1d65a8a8758aa2c
 59870b13c6c9b504e598715f56d59c8924ded48412bb8cf609fc098ef3e53edb

round number 36: b285972dca1e7277f257b63d0f7dc334c00afda9a5b4dbf78b56bc259aef5a6a
 3b2e169e32a2ecccb4686bc2d2bb11a6e936095d2f4db41cea59ca02b4135c44
 52149c622e2057bc91b47f5cd0779b227cc6ce6b6d880813ac413f89a57a090a
 217a636440aaa3b7939a0a6a138b467ac80e6d671348b209f7ae18fe11b122c6

\oplus 0022aaf8ccdb8a1f96216eed643676de1d8c60eb8f152f8fc3c5d53e81165ce
 c38ec8b0f94afc00da45d4edbae32059cd7e57a8b39d0e83a43a7b3879b6dc17

	6fbd73fa8528a6f9ffa1ced00ae317139c93762061b0b78481f304ebc045abf1 92785fcd732eee2f7a70dd9773108046f6c7b24e136a788eaea4f1b356b1c79a 55f97759e2f3b06318b9aa7729318a99b01c8afd11494de4c1ae49e1b901b7eb 3db71f77b74ec0b637a2a7dc61574ed4862021bf6ebdb5be67a9fa4a965aba79 248c9d5641e72368e798412fbf651423ac2d24b72149fe3658f2c9a5062b26c4 9956ef7c0f7329b097522b41a488868644f4baa34fb2e5f631dd7de49e37c318 00acc000452694caf f041995fdc6fcb45cfbb5ae934395b46a221e635b411b6 a9ef5df7125f65901a45d4f44365dd90bf004d3506ceb9fdb7a51a7049105364 27c0677b0979270eadcc0eec42c6b2993c5e7106eb2f5b8a52376f0018ef4493 adbb8bb9507ac55239ad6e1ff d84acceb2cdeb0654245bd92e9c4ca2edae f9c5
For G'	
\oplus	
round number 37:	a73dd506c5f8686476d8d3d93ea45921d23ba71d45890f776ae17672fe3fa4f8 a0de2ecbe810cc6e2dbf2f685831ff24485ef59cd0ba9f4e63b13acda580533d a9ef98ab08f1456e15b18cda948c31e055b84b0c38bf972db23b62653fa2fbb3 023ca933844d98e9ead7fd609bc63c3ec9df290022ca87590ae94d4700e55cb2 0001aa6d385d8e7b38211ea85fe49fb0a35c23ce6ca93dbede59f6d6e6c56af9 a19509c74b6c29e45e3f57fbf98218bc5c3aa2dde47dafd5686e7e992917ebc8 ba629f86b3f64f5946ab8daa6c13c3116f5f1ef8dc96eb774b7275ccf0af8ed1 a6d120a60dc5f9b70a0a66807b4abd643df7ce9859d3f608df85ef01ae513989 55b759a7d524a9e749ebee76ede552f5d331a7f87d74bf870c68078cb5a65d94 584280a511a5262de773282232934439206c8a68730c43d00ce03adf4ae91d03 4cf a2d489e04664a544fc3fda3a6ba907355b1ca66a5bc0ac5a6a51ec4625734 ed64c55f09ece2aef f455e590c2a48f63951a51b96be2f1f41314673993add55 00290837e0b6fd4876e67baf73e9320592f78d2d9ee69a4b81beb1b46a70010c bd71cac22ec4fc40e743e914654a25163a9c9da8399d2d2ff f0ee4b1655e4e8 5014684064feb464d2ce81ffe2497840211db2680bdc42ee777609ad65fc4a41 69faf23d7131c0eafb8a1550ecaf8f55a17b50ff f f27c34f71a2df579c324dec
For G'	
\oplus	
round number 38:	3c7f6bfda5e61f4ef9cd716140c691716784d3292032c9b4b880a418face0101 4b270ca37ce58a73807893a1b3e7981464574134c7309b0bdf44548c97b8f513 8d072dbb070a37531a0170f89ff2f13ae755f4e4297c5af94917a9cf0d7562a4 ed89958988615ee0dd9be0e08c815af428e7987b197151d56ca246aeb4653ba7 00ea7ac278cda71b2f1cb18c95a2ce23f9c3bda69523d7ee f0af98752d3c626 d57be580294ffc0e33b2bb50ad47df1a4d86d5aba9df983beec7c9fde4e78724 62fc587ca5cdabb6cee1120abd0af839bfb076001d1f78b6b8c4d1ecec48a522 ad4fb84e316180ee79df637648c099a4ca94097d7ada010e0aed8817db386dfd 9e5190359254af3f0d95d99e0c60f041c62ad5e39225cc8dd6b638df65c98e5 334a673f61da6d0030c13657d9612f1af017c04a916eff f330d4945cbc f9eb1c ee4508fafad22e8681420241efc2d0524803a26d79fee4b2d0acb3a19e1d7584 9e376278dd224404cf4b09e085c7a3982af5e46999ec5030939924050890b955 00b1f857e74934cbc1ccd126d0102905e059a4d26fcc56f066fc49917609f2ce 5fa1b71e9af9638463f4224fb154efc49bc3713a00b13782b051ff c027626d4c 5977371a719de6bf596752afdafd2638bf73a5424e881ccd2b4f818e3b4c2810 3fe4ff6332947c5a56f42678d915e3d48fcd602a782014bd360e9fd8a28d286f
For G'	
\oplus	

round number 39:

95113fdd2bb855d6d1c0edd5645f529e476e8fb5111e5a448a5d9fa81dc7279e5ce92355aa767db3ca28f11ea0470e29d1949f6ee033031839d71735f7237effb75c7a2c79ce5d4e062f222f8090358e582e43463224ff1d37823e13dc78640c62dc7b900de0ea4448396c441c350e273910663ab50db664fceb96f5d565a3c001b962868ee0620f1616e90ce84bd13c56cadb2898124b443cc7da4eac54a7d8299256dcff687ea4ff6167893a3d60cc307242fdefe179ccb9be01702031d0db7dd24e6b37c4ca2a6efa6db5093e72869409dc5edd24504bcf7705309fd3ad601aaa56160f24a3276d9bc2ec589706d9fde0b35488e03f7044bdcdbdf6c03acc06862751d9bf4cc5908b8dc70d94426737131fde99a7db04a714ea0556a2b6cebd021fb230e84533514186835c0de6bd4b17091dfc87180856b9c9b9b8650b7323fe08b4fc839d82550ee353ff66af770072f3776f87ffbe3322fa5515d94ad39d1befb6385e99bf2f985cd2404ca5388443e1cc448da597bbddaa1d913a9e00894ae0455497d53ab21275ca1504c59ff5158dc16fa110377c750c1b71ed47ee8f189ddfca2a96711c89f572ea69343b5eb59d31af76f84a6b0790004fad58833fd6df34fa7776841f5ece50cda7becf9869cedd0e1d8c48add01a137f90305a0c0853918eb11abd2fc7100e7b629eeb8e50e2549d6f3973e93aa7317d03591

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For G'

0aa9f5435653f620a18345aadbe8d82022207989f7ef0c991e20cf7026de3de7006386580fa5985dee76633e4d8251293bb4131fd27ad480691645d712ae24ca8e34474e0a976468d54f9a89ae4708cc279f18ef00af56f8f53b2343abc96c78762d8602c4496325a2aea844a208fec4f0d56e3ded8914b8565d2ab9660f095008934837298aa57df8b0f6b0f68afc890fce6f3fe9f65ca129a1ad297fb6e0ef4bd2a1a00ed65388c901d5ec21700ded59d6ac874152b9767b06ea58c6864765427bba4e758a64e21a5b834cd74e6fc43a143ae9258b7f8e1f58353623e090960c142ce96c144e8420a2c5dde1e287329ca5c21df7c10dc384abcd8981f6600e1289558cf631963baaaa9bacc40e3ec84247028f5dca07d0d3bac4e1bc62b055f3966fccc2d3424dc873f1b664d28615a2942c53f1e0423dbe59b9f7c853f01c28d78006f4eb064a502d0332c111b8981b3daa619a73f69ef2e0466a497a4735d9ed6aed34f326dd3e95c35f6654b80614dc485927e32a92877d90a410f0fe000ca12255b845c68e4db628c2c3af6d9772839dff87fca92d6a1c327beabc24f1395cf61931c2ca6ed333dcba38d227ead9cb5e554469d75ba02eb69e2ff8ec34e10665d75424dc2f9d66f8ec914e9f2ffa930f9c38efcdf6fd97f243613cd9546fb403a84e515322c16815cddce571378272ae908196246d0f44a1bc3b4d

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round number 40:

0aa9f5435653f620a18345aadbe8d82022207989f7ef0c991e20cf7026de3de7006386580fa5985dee76633e4d8251293bb4131fd27ad480691645d712ae24ca8e34474e0a976468d54f9a89ae4708cc279f18ef00af56f8f53b2343abc96c78762d8602c4496325a2aea844a208fec4f0d56e3ded8914b8565d2ab9660f095008934837298aa57df8b0f6b0f68afc890fce6f3fe9f65ca129a1ad297fb6e0ef4bd2a1a00ed65388c901d5ec21700ded59d6ac874152b9767b06ea58c6864765427bba4e758a64e21a5b834cd74e6fc43a143ae9258b7f8e1f58353623e090960c142ce96c144e8420a2c5dde1e287329ca5c21df7c10dc384abcd8981f6600e1289558cf631963baaaa9bacc40e3ec84247028f5dca07d0d3bac4e1bc62b055f3966fccc2d3424dc873f1b664d28615a2942c53f1e0423dbe59b9f7c853f01c28d78006f4eb064a502d0332c111b8981b3daa619a73f69ef2e0466a497a4735d9ed6aed34f326dd3e95c35f6654b80614dc485927e32a92877d90a410f0fe000ca12255b845c68e4db628c2c3af6d9772839dff87fca92d6a1c327beabc24f1395cf61931c2ca6ed333dcba38d227ead9cb5e554469d75ba02eb69e2ff8ec34e10665d75424dc2f9d66f8ec914e9f2ffa930f9c38efcdf6fd97f243613cd9546fb403a84e515322c16815cddce571378272ae908196246d0f44a1bc3b4d

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For G'

20c1c024cb5c777e084ac1d487224a92dee16b61e195038378162595968dd084bb127f80173cbd52777b6d26cf25cc46262bf9893286df61210af8fd42863afcc4fffd007f1d008acf1419c5790967081d8b220625242976ea6316758829fcee7a39aaeba85d2da1820c6d9943ea79f66c70ac201a48197bd2f6e730e7f96950a009c09399288b6977b290ffa8feef74166d6cdf2e523e0d86b5e092a8fd26fe8c039010d9126a99cd45edf4f38624ff564b158e7e6402c29604a5d43864d87615fc6768758f5b8b3c980c5630d30ae85ff1e620b925710d7142ab7d4a8b9bbe1a2b72e093de71643fabfd618aa7a89599428544136fb0df296d8928e1e8f2dded2877d94e7450b5e71cb36e07a1535f30c49f70a5b5cd42051b27c602c9721ae003a0ad51cf6eeb2540cc7dc75fa46b0f0899b6a5a6df48045b529e2aac7edf66c7e65b81a94b88a9fb6cbc0805516ae4949a9859fd0a419d39394e7f698aa09

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round number 41:

20c1c024cb5c777e084ac1d487224a92dee16b61e195038378162595968dd084bb127f80173cbd52777b6d26cf25cc46262bf9893286df61210af8fd42863afcc4fffd007f1d008acf1419c5790967081d8b220625242976ea6316758829fcee7a39aaeba85d2da1820c6d9943ea79f66c70ac201a48197bd2f6e730e7f96950a009c09399288b6977b290ffa8feef74166d6cdf2e523e0d86b5e092a8fd26fe8c039010d9126a99cd45edf4f38624ff564b158e7e6402c29604a5d43864d87615fc6768758f5b8b3c980c5630d30ae85ff1e620b925710d7142ab7d4a8b9bbe1a2b72e093de71643fabfd618aa7a89599428544136fb0df296d8928e1e8f2dded2877d94e7450b5e71cb36e07a1535f30c49f70a5b5cd42051b27c602c9721ae003a0ad51cf6eeb2540cc7dc75fa46b0f0899b6a5a6df48045b529e2aac7edf66c7e65b81a94b88a9fb6cbc0805516ae4949a9859fd0a419d39394e7f698aa09

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For G'

\oplus *f162ad7b01633ef12834203bb9aef156cfb62b6ceeb33f0c1ad64ee0b334ade100ef2684836f3de4aa985f903f03aa47a66f00c70312ae1eb4135aea9c167b5aa027c088ade49d6a216b067a730842d12d2aa5c3a9071e92b2cb71fbde22c3f5682e529dc37d9e0d05c2befe5ffbb6964cb868096bd8b2c4ac78aec7f342dda3d63ef5eda344e5f72b2237ade5a8b1fd59a274fd92a126a51af0b4f89ec37adb*

round number 42: *5dc91d59d4c1e97363ce2e08cce5e6c88c07becfc73d8efea3c5073e70f67a3711ef90ce2ed7cbba3e80d23ca3e8b97060ec074ce2dda3b70e5d297ae2e28ad103b76f845f5327cdd99001a0457a698743c642eb67e663d773cc25c8145559b9b1dc5a160cab7c1f6d24f5b40037f35e484745b7ee27620603fa269e7e67d72000184b301272918bf2e764465e1c6b41187bdbbd9981bfe18394840cdc9d07ead119f3c7918a8ff49dcc1a50f324feee9c59899ba7bb17b16dc1e11d7f386c02cc5d053965ca9aed010632a1fe39e86731072dc4c57afe443d09987df7e106f19d51dde660d479492588f3aa020f95399d163e085bd0d66233aa25b251ace2cb685b10642a36badb53697045169fb4aa26f7cd584e7a3ee5a1268ab0815af4a01dca5db11273d87567c1a606f20461dda33ea9f36aea12f77e581974e52e0304503725d9e926879a74753edf7ae03805f1c18cf40816dd7feb3a2005da77aa275c5896a227db06031617965c0640ab96145f917c1219a90026fa182df7d73ae200dc3c3e935fe79e8da44e7ceb3d2ba18885a6e7c697192bd3380fe586903efbe089c49b89821147a317b1ef55a34d5da46a321c42ba0294dc5bb0b569b24cd06c4c346ef060eca5d4fc5bbb984a4b9dd6ebfffb7c7e954b268a94405b222f68e95c0b5a072f25e273817269d6440ef0df0246c26e8c93c47d31cf7d4a023689d*

\oplus

For G' *d15669c6b378f891294a4e92f98d89947c65725ebc311f20518332ac6b7dddc0f66309bf5d444ea34cc86c50cc479efcb58ed74566b406639cc8679dda6d3cfeababd3a99bd20d8963301bb4381e072c16f2fa29c9d934ec5bdb5e3b45f482c8d87f06c7f055648ac061e02386667d5517bbfb5f7b4643050032c2fcb35eb5d0055f6d8d447272ab9f470f326b678a06a612e74f0242fd803ef75873f6f0465b03996cdf3fffc98e1a6b42648c3957dfb7e7210b3050dbfe94289403dba5fa56cf1b38c4a60cc0d5443da34403c64bd74d147365e628b87caae43bba9d5e5a50301719f28fa095f5b926df3109fac5a22435db7342cfdeacff269398caa62f0f872c5ab9695d45dec3e39fda29f0bae726bbf88ed27ce721e855507caca5bfd43992a9bf1c932c4d617e9a7a72c8007549bef28501063a203a9c18c9c4fd43c7b11b719466b3fa089656436ea7398272a730fcff89cd8393640068555ca9c9982302552958242e00b0c16200449be47bfd5afad09547f5e6e7f957f4527f6800ec554f8e59a8b7ca4d8afc86fffdccfd5786aaf04edf0973eaa8b4f33f25557f3f3fda6cacc355390be1eeffb241d2eb8478ad2ffb9a36d870321c412bd05d1dd44ef84ff1de9b2b20ffa1266aa7c78b9393c308b122910da3ff367c5c3637a250efee533b32f262e4c6e7e5f2fda055d04168f87b013f6564aa04245362acd*

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round number 43: *d15669c6b378f891294a4e92f98d89947c65725ebc311f20518332ac6b7dddc0f66309bf5d444ea34cc86c50cc479efcb58ed74566b406639cc8679dda6d3cfeababd3a99bd20d8963301bb4381e072c16f2fa29c9d934ec5bdb5e3b45f482c8d87f06c7f055648ac061e02386667d5517bbfb5f7b4643050032c2fcb35eb5d0055f6d8d447272ab9f470f326b678a06a612e74f0242fd803ef75873f6f0465b03996cdf3fffc98e1a6b42648c3957dfb7e7210b3050dbfe94289403dba5fa56cf1b38c4a60cc0d5443da34403c64bd74d147365e628b87caae43bba9d5e5a50301719f28fa095f5b926df3109fac5a22435db7342cfdeacff269398caa62f0f872c5ab9695d45dec3e39fda29f0bae726bbf88ed27ce721e855507caca5bfd43992a9bf1c932c4d617e9a7a72c8007549bef28501063a203a9c18c9c4fd43c7b11b719466b3fa089656436ea7398272a730fcff89cd8393640068555ca9c9982302552958242e00b0c16200449be47bfd5afad09547f5e6e7f957f4527f6800ec554f8e59a8b7ca4d8afc86fffdccfd5786aaf04edf0973eaa8b4f33f25557f3f3fda6cacc355390be1eeffb241d2eb8478ad2ffb9a36d870321c412bd05d1dd44ef84ff1de9b2b20ffa1266aa7c78b9393c308b122910da3ff367c5c3637a250efee533b32f262e4c6e7e5f2fda055d04168f87b013f6564aa04245362acd*

\oplus

round number 44: *039f1e673fdfbb90be3e61df3bf13416045c2a4c1530f8526c472b5412d9a5465a9f72aebb872d56a32e34407ec9230269f64e56e4dd9d08e0f39e01432999257185fe3fb1e00dd20ea2ffa4047aba58c7b5cc77ab52b326f598e592901127cbd90e99ef0a5c3bd1520c133319ca277754e64c6b57bba9caf25bf70193c452d100ff98cdcbdd3fa3b8bddf679d0ec0a37717fa8a741439867dd97759fc129138*

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0e5995dca3e0a7235d435aee84777eadc25316df9dd80e8cd410bdb7d7c2224d
 c1a57937fb8d7931dea04296cd13dce1fa235d8f8a9788a5d3fda1f690e103bd
 d7b8b649e8ac973cb305eed2fcaaa499ee73f4cbbd16c037f8b006a3e0166a80
 c00ff6e704ed690773b3012460f6628f3c39221d69117b6d6ffdb339f57ea83c
 a615419d65f191ef1c08495c089d29ecd65faaf9c0cf84aae0488ef2d1eda6
 55589db976d6123b6a9e248cd9645f934a33ff749be493495bf30f909fcab3bd
 2dfcb01aeb0b082efcaf1c5f6b41e126f94c7557255403b0ad5915b16455a587
 00b8d5bfa9ac6a980177bb48fdcc72f1a13b52c3fd082103dbedb6f381114a56
 e9489fed91ca2d3c44b36b1bcbbe1bb720ddb5f1e837502c55e05a628b6aeb7c
 6857261075c6cc24d46f8dd9c2826f9b8e3211e4b9b2737b1890fb87f14afab2
 67fc0ba980ed3c3c6f1cad938795bde6c7f6aac8c6d721c79f5904d3f160fffe

For G'

⊕

round number 45:

6086aaf40284330683beb8a6ff4b5734bd0c66124c1d4119e5c0deecb347e54
 c6e77218678a75fe6d6eaeabe5dafaba558897905938434e323b694ebbb68b0
 2087084a6d74e3d002bdd68ab8796d817f9af53fbcaca8a73f8df91f37f0047
 5128b94d6f2a2993c4dde36008d3eca017327ec6ac5c98dd0fb1a273d2385103
 00c4b3f71fc50ea66aa3acfd7e64c5fbf4118baf53cf84f7513b97ec5e499da5
 5b858bc852eec8c38e942d8dd48f5d717447b27d36598c6e572dc8f47261ab15
 9e54f3b35b91e053cdc15d89b99eaad177516b7c0855226abc232087bfc8715c
 3c2d60eb6b35ea1df7df19c568937048a5d0808fb87ba7e319d6d685adf647da
 b72358ad41039f72c4ba6c9d3a107e9d0270de94195a6eb41005ca746fe26a4f
 5dde70f43bbcd358bb2247c323325bfc84f5e41f79fa8ff0012ec79bb06da3d
 0fbba90310de1fbe1a9551be63008c401ee902256e0324363f4176e80490f4a
 00bbb36be6341293b3b1ccecd45cc03ebadf9fe38322773200116295355a79c0
 0051bfea6c30d6922b45f543f8c67ccce8e4662165ef59e79fbbda54b454da8c
 178b9467e5aab5749f8b05d53d201fc23952ae8d157e05007f962bf4cbe1d198
 7924851220fa04fe9a380091706f180ee6a9dec8c62af8c69099879e3d4cf9f2
 4d0e0ff69c32e6a8a16ac8027b9db8fdda483aa046630efe1ea437dc25bd7c80

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For G'

round number 46:

4219031d413da0e91d145b81907088bfc14dce770e50e6cf679a02957de3f19d
 62f9d03564bd3de3fa83776ad2f2dad11f3b0433ca085ab40e7e6099dac3a5be
 d3fbbf936e50383cf7c8b0301e7c75008cb9e43b4efe8e0cfdbff164cb7711b6d
 05d9a6041fc38e3302faa560409ce8b2e2fe4914273f3e166774f67fce16d960
 00b0b540cdd55cd17c6d27af0664eedfe4fa6ae385623d773c65fffd91ad96772
 c3b63d85b12ce7d577454d71242d2cf9cebea75005c71844334b114811333f93
 5f22c3dcb3870fe1eca7b2b30b6a4ccb6a305af65d441b828006a1f587b323f2
 8c1ff4e312437d4e937cd785207220242c6a8b84b78542313aa42a47530f77c
 72e7472d3349e0efff99dec2d60251ea94b8b57cb537538fbe1020dbb6b0c34a
 55e493de16662c24a942161e12443e811df0cce2e1adf7f784c78d70e70ba576
 9f2c1130241b406b91558a965f10cae7474eea90caca85f36d90f0bd05f6b84d
 b5bc9d7a06f43b12db04eeafcl78c36097a543c54179cc1eb5554910e70540b7
 00990fc1b3d0df9c22ec72521a2cfce6883d983daf58380e236adfdbd61529f5
 4020ddecbe4341a9e05b96f7e7cb609c011761df23a6e236cd28bd7e56657aff
 38480f501847f2b7cfc48769ad32227c68fd8c9fba9e678bf6a273b66ce5d5df
 5481c1ff7bf78c34c977013890c8f4b310e197a558e312ed070f7fea2ebf590ad

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round number 47:

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For G'

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round number 48:

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For G'

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round number 49:

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For G'

a9b65d8ce8fc3861797c2e9614666025b7a4948b32dbb85bfffdf4c673a96efa14fedb0d591da368dc63a1bf6df628d185a363cfcf42f03d3571d1cbf09a2d8cd93aea56848c2e902cb1b2ecad1cc3a1ae1942b2acfb4d5bf9b7b930c2389f89c6594a2ee7b9e7ebcd6818129bcab0a038e1ac6c476a3574deb4dbbb262e1c4200db1440bb6c35c21364a5677d90fdfbc04c288467e34a02822542938ad56af2553ea3cd1294ea5488f2b8e44079fe6a2cddb92416060b767a99496f1bfe39f3e509df379a10438c7f5c6396ef90307480448d3b76cb990bce0f26cdf16cc1e438a6860a5fee6862c197b7d2f90d3324bf3e2a0f907297a6a84f8d83ac01f2d7e48ec80993f73dd75ac90cc2ead0c1c852d411a6f6b819d7af0060a5eabf15c44e32aa256d8d491980e9f58f5e1d1ce7ad3dc20b1d4949ef300eb16edf89a7641e603c5cb2dc5e910df3f222e89b2fb3660f7054e2789b32830b69136d92e13d5c857d0bb7261273ef9751b037d38744d460199adef3b25ab7b20cf0d01a7200124680e68e703998fbeddb515459cd195355bf0f4695dd40358e9e9899edcc8c1548dc6d7bc8bda7107d0136683390f8e304301510de8c0e5c6b594230d346bd08b4dd241b2a34a93589fe7edf7f84c5f2f6fa25f8d8e6c98835c833ef018d3dc862aec2b2b8f5ae291b9d03656a0a69918a31aff8aa4ca705271f7e01759

6d49cc53900da36a188bf169f69dde77e8bc0f5538f2597dd80ef4b04385531ad31318834edcd94ec8a3129f8fd6bba97edaebd944fb4b4fe898a4eb64147f3c3335a5fd2d2aa8eb4474d5c3e5c0a6e61d0a611b97f4cb45574b5c1d2e539785d3224e4247016de171636fb45a639273124eccbe6d1c0eb43023631cee036fa900568a3ffcfd9bdf542b2749c7b654d0e42d15dfe6e806b951f5a140ac00667dea4b6dc76486a05f7a70a39968836823b74e574da796b4f278a7c0ee0b282de4713a11993e43af362b2977c67347dfce60fdf3890b6b68346c280f4c87112da1f5ba5d4e9e32a985930c1948981fc1a699734cd79099695d229886cc3504abe5aaa007fb103e4ed522b219bb8498054b874419f9fe8c0aefc58894c6321c90c8f6627e3ba31c2c3f1ee259c389e25e8230d810a4c44a12fd5c804fafc84930fcee718ef36efddb9ea76dc5056cd7ff39201ff6bdf5155e1b8835905362f9ee800357e79c0d9d290d06e860018527e24d78ba8021791690c7e07d07300d2b7e007229580554f1fcbe3520ad440418961bbbf9d011694f4caa5b9a5c371f1dcb45860ecfe96c4c88472866b65ea00f6ffff30c3e4665f9656156676fed7c6d932fbc05f852bae533b2670afdf7e7ef89d57a92c764f659a66ffff212655ad7ca450dfa4ea497f853d7bfc415c46b1ad61f83c0a70ef2a264a8fc5487421a0

1f466c6cf01ad7edc9431d6ae6bb3ae6fede08c69cd9164d11aea44945557d0db7ae5f3894b34b3f0418a6195e8d2b45ae0ead9e822000cf12d8e584a6fde2742604e4bece921826c642bf82f4db1afb05be2307427dc61189dce9e622855fcc79eb96aee247792853ae20d3e26e697bd9f87314159821e20aeb702d5325176d0039cdf7e7ac637941c34af0be45505dedd6fc6756166c5f8d9654996ec3fe73a
aea405dbb3b1182817d55be010fb1645d7badf94980fe86239050165fd49eedf60b2a5be8bdb2e7ef891090c1243941feb7e56e9440c1357f4f7298a381c45692038ae77d2e310d3024b12c303d2ac902b259bdf4c839f52246419b614d960fd82927b4571511ec1e0136fc4d98c2a3c3fbc0f8e818fe256031310543ed4c7cae0292c535d8e4bb6c6432a663e2a87dcfe8d340a21584ab49e639511f8fe9ce1

\oplus
577476a1d418e82cc06738fb122f626e893380f2908f38e47714b606cf854ad0
dcf80376f4e2ac307d14dc40d96153e01942bc2b09f9bae1aa2c278790ade5a
00616fe7d6847daac5ec1cc9a5504cbf91d58a9375f65c738d1f1279d90f8974
12bba f f746f03812f1bcabada33c94574f869287cb6bdfcbdf83be96da86b1d6
0f6428e0e779c1b9c20f22fc2ca0641b56d0d5bfb16bd94c31d9b38dd68e62dd
8507ea89d40313d9a19dbff1c9e7caab15724bfd33a4b5f6f87c68b46b75f5f7

round number 50:
7fa1928adce079d577b26102ee3f3823b1ceb3fdbfd3b5c8cbbeddfa96a9a3719
0a5ae32702531713cdfdf94e763d0079b4720a1a2fe8ad2b2dde4e15bb40cab46
b64100454936583ed3b68ee6988ee4eec075ee0671d5467d2bc06c1a991aa559
d338d930a469fb51e53210e1bcc5ebf2dde8e9e150181728ad31b6326881621f
 \oplus
009d5f3d297be40969ef279f44737b510a71ff6aef0c2921e883806e4043f1d1
cf371552fa9f739a4adabb83b72be77845535a3698c95d96e7089b5d07d039e4
f591d9eca0a02d678309e79551e56252a25eb6c9d053f3a480e9485547945670
dd79a584cd0b27c59917d07f152d3556c919f995de4c27a2c6d8a0398b8b15f2
For G'
48485381916c46dbed2a35e8c88e1c5e69851df479be258e0c022de7db4ebe f2
9283a41b7e73a437ff81cb9d16138bb10ba68dea33957f41e02b8722782d3758
105e413361299502681a073e8f0675dfe3554d21e4e1a846cd058b190b280d59
ffe9ff20e1bfe9dc8963b11086994b0c30f7d63a5d0f17528eaacc127f2badd8
 \oplus
00173ab262a1c9f3b6921b579612ac67ed93517418ba3c0e7876fbebde74b375
33655671ee692cc67cbeee00ddf964db0de7431d2a9af feb1e0961e04c60439d
2683e8d8285b487139f8336394cc1ee6396ff0525d93753ca78733bb0a90ffad
294570ff79333307fc13e60bf cad56007eb521f05785a3f22a381faa56b705eb

round number 51:
3ccdb7f59b9ddc1e5d469daa4c4372bbb f4c9750df9ce9236e5fc72ad9c6c8c5
6df675f8cc6489872742cdc116e701f121502cb721f0bd3aec7a06b3dc92a243
d0d9a9e996755950bf6973c96b86bc622b58cfa186b5d9ab29244fde8ef3290e
417cb46962dc947c25c09ea9e8dea414f110748e54308a6be9160be30a77ed7f
 \oplus
00372848e0719a05dcefd1f6d821fe1ad763e9e913b73ab872f2873c2149fa72
ef571ab6caa4972bcc29703b17d15e7967349d8cf5f7ee4fa528b33d5d9fb869
a114567e8f60793e3de3c2f7e6ae9ff5f71750214bc7d126503c6b38ee09ea54
3a1d11c9dba522fba625d247a952ff424ce6aea f6636b908716da4f2b0ffbe7b
For G'
5f6933f3cd8f285bb82ebf5e9cb03984164c80610419807474d60c053a0d87a1
e6f26a901a88f1833f259dcbeaef6a0641cef7190f80aa fe22e6c2344d74c536
dda9eb4972dd7351e2345d1bca6b39da3abd73b972dd7a6a82b8a201b8f2f4d6
ac8fdf988cdadb7570571b7a341d0c4e42f7ca0a8ab4a0a492d3b8299ca83348
 \oplus
0058c709d686fb05b8c986ce0f989341bcd592efe6dea8425ebbb32fbaf c069b
b6e515722ec6928eabf99103bcd78dbbbcb e195d1cce3ec1eab136be73a792b9
bf7aedcef86db538b08891c402b68d95e2f80cfed5e5ef68edad0ae86eca3205
91bde4e5f995d22e32746d1b3f786ee1c2767a171ef875b7a211d1906dab3d0e

round number 52:
fa9fbd7bec461b81a94c5c94628ca1682f7eb9cc2bd39b1cad4016f88f32b782
a16f4e06c01eaceb6bbdfa01365f884664b13bd40753754952b58e810d1a2a71
cdf f971915206e828ab13e8d282397dcf9f80cd72088d791824e660fac35a7b
61a5a0b979b68783e54cee418c5b56bdf6da2132063363987baf11ba8853043c

\oplus 0058d9d6cde8b81321da754ee71dd29153b36ceb8cab3f6c67845e6e73a2b32c
d5ed0d0ec1fa95f38c21c5ca014836c5f4b0f61797936caf12fe4a4efea3a736
909d50b20fd43bde9fb078c65412719d4a50d8f317190bf6838adda7bcba7fc
035a1462fde5fd949f749358ff0d12b0dc55943b7f7c952aeb65d16f927e48fa
For G' 31f4fa1b09d35e00e739909328aac5aa99128ee2c728362a6dbf2a80f1813a50
177fe2344e630d94dc0cc85638e7bdf70ee44134e943fc857f48a3ed3578f62
d306878ab0c66952bccdfc8ddb44fd8457f47a73895026f15a8e9d638c6d33d
323b7d754f095b422376610b6562af8081b01d944cd51330c269b9f1030e465f
 \oplus 0007215ba517300bb2fed4b9cdb011bebbb71653d9928345f95d2c1dc455c1c3
e74c9315fc2ea646b9a753a1e10662c1d6160f7b96c2d2a2cbffcc3d87d69a77
573b5368adc43f281301353dfafeececc83bd980d01547bed25be31ea3acd820
ba511f5b81a5141f6238acfe9bb29a5f0a7810e4000f03f78609afc96f377cc8

round number 53: c764ad21aea392889629da859173f97ccdd527a778a470cac44896fc9004ae74
82430801e43918e79c3fcb3717be839001cdc390c019e6404bc4cf3fb98d475d
62c7ab1af4555c552e8ef5ee7785add2d5d015811f9472eea76cbd5d7fe08762
ffb4db84537a177a387d197356440d2a8fb509794ff6b290cac0d51a2d4cc6fa
 \oplus 00397ea6f7e4e9041976c1fdef70e9ebff844ffda3600dc7ea5717edbd279ec
3c9a9892c59f8142cf2740cec4da8c223ea39ee6adf19e52d659108d2a443867
308c5f72c91ab4d6845d818cd4e40e4e07dd37bcb9db6019f80a6ee7c792ca64
f25ad182b234a66dfc7817849954e0ca107bc4c61fe3759c793055f3c4e5dbf6
For G' f3db40acc46e0b55c7442ae51ad41422a598b11ebab56f94e2069d35d4fb93f0
337121b24dabd265ab9bf7d9e1df3ca6f84b68d856ed6a9c0b46035481151584
3dd4e21d02567aa7fcdea5274aa3348d449e27e88045d1c7f30ac89b6a0b1d88
6a622eceac4f5d414ecd5fed035df8bc80d704cda10c7446016386c393a9731
 \oplus 00d5a6c1aa6e311c3f83e0ed4d81495f7fdb40185930c4e6c240d847fb9fe70cd
7bf22ac4f2946597c8216ef7a97545f5f20dcfa28d279408632cf8fe276af99a
b22e3a04731a82dd689cd6c930f0ba8e799f5e967106ef7a8e46bb2a9c25cf8
b0f27cfd4de802a9795d71f3a17726da031acb8865cc6adf72405c8e7d51a94a

round number 54: 5dd38759477b8c8f5f1b787e84f7e2722d6358a2927016baede7824bd6d798be
d9909321a699a553188bf9d3640fb23f6e5d766de878129d9ddf7e93c97f3a52
4bf4683d4fe883aad37462ad61a39cd20d223da64f12f75f66d3b2b8724d060d
ee0a06e14eb117c4050ef7cf10ede09fcedbf5015c70cb3f080e9e9a91d0cc7
 \oplus 00d81fbbf0b3a3ea0e2921d5fa235614e010e607a53232eee9a471163981ffac
ac9b33a3c38c75555234f055be3b1ed1351b67dc1c26b8517309efc23b274e0f
54a458bed06ca24840654306046064f3d320ee047c1a2cb1a04d568c1772b37c
9bcd9b6af3c297f45517f2574ac58d7801b72f02cca022f003aa6ab8d05d0
For G' 0ee66d6e003a49f8c7ca0857555d7d582cb09b29b921f8c60b194a6d05e33d48
830b76bf3fb7f263ba992e48aa79530a46a77adbcafe94686afb6aa67fec1e8f
fad819714cf872a57623ee7a5f3f25a307d201e755bf305beea329c3c94170da
905233e1a75fe83790840d7142f951cb17bbc4bdcad9b125664e2446b3e7bf3
 \oplus 001c094b2e25fe32c10c99d66d0c056be85add99b7847a7c034bf211bedd94b3
4f3f3f0f7dd5d4bf8e1e24f50f76e3a1a31f4cd4b944909b860e64e736f66cdf
553ada9ed1eac049db1a4a52e316c2b5e4b81cba96e1ecc7095f5ef1525c862e

98076bbfc13f7eb210d2ce34d99dc4b275af96c9f02bf87c0506f5d76531a19d

round number 55:

0b98e2b7c82f65513259ab7ed4b466cd73bea5374224540443f35def56671275
0ba0826515d0064abf0986da34acee5b4611b1f45eaacceed69151f258745d1f
5030839f8421e2931121ab65c3f821de02d3a23308dbeec69ee434653fb57175
c7fd38f81e2bed7a4ba6b035994cc7194da422e5ebc6b1df80d34f029009175d
 \oplus 0012cad716f76fe2027465df079a8297673ab6c3e93c79addbf57e987c9b85d
95ab146e8ae794bb51f7ddcd37b4b5440bf6b02728fd2f48f7ab5911def17c79
14d99190cf8a1019a6bc247bbcd935edfbf96685cdc4bc71aee6e6f5ecfc2788
41ba053fe8e099c661d5fe9e3997161a04cb8e5d2787af4e1457824b31ad5042
For G' fa64252e1fb7ca06c6918138517833c4ea46b00ea582ba0852b87cbb3ea9fbcc
3449b0426226dc34870abda50fb0abe5b8360f73ba04f3ecf5ce41491a7250af
e2c3ef9d12b2ecad39a428bc29e716e36a1d5dc35edc9ce7fc77329b1df6f408
55585e666096858056c3459b649579621452762c86636e536217930e0fda6e0e
 \oplus 00e03f485927ef593fdb59a4533ae776d796cf9a7ef8819df475a39bfddec33
d70b9094e29466790ffe7746f20f052dfd9bb22497f52b958ffdae00a19080f1
07c319c0dbd2c4325c1c4c0de1857db5efff1656c31e99d3238b7b0e72f33a8b
cd0bcbfcbf7f4e9d5fba29044df232ff5665676f6625bdf7994648c8946323f

round number 56:

8a2860ded80ab3302dcea124cdcee405cd0e5b7cb7939e9e4c0a06d1aeaa289e
0b960b9f3792f1ee5b1703185b1f4de701d37657e3a6213a08e38685216644
e9120f4babf28ab79d8f1e7f211433f92ac4b6c51f52b73002d290d34956fd86
473dc7f6cb74bc2a734eaba0dbd103496facb8cc411e919484cd49a1a4471f0b
 \oplus 006a9efb9595857ccd99f22d88648292563a85caa67a7f513c59ed7f6677b2e
724d617c7ae37f8672e7aeb91b8c03fc0cd7e29c93d345aa919c346e93d145b
f7adaf50b2d8ec398465a2f070317b66797139b6a37b3487b4261dc3cd532c69
ba2b6b12dae12dbcf93b2515c2e2521de8bbec33fc482be4b8538ec6e28f104a
For G' 841a664690255ff9ad89c0242d4b23dd07f94db7a3b95a6cddf20c37736ffe3
4220d680b2ba4d88f4cae3fdbfaec845adbd572df1d8797a33ef49bbe2d05ee5
00f65dc960289f65b864b1c8626b5685e24b959dc20534dfc49956f05ce8398
53959adfe9cb1d097de70b204a5a4de134205a7001358c1b83f782869c5c31fa
 \oplus 00d7ca59ef02b1b726e05c3f5dd39bc9b5891159f6c8edfe43af445d548f5bb1
a8227eb023106aadce0673c1376057e5fe4218bf249faf48a1a4871e1a7dd4d1
5bbf0abce4ce8e6bb21f3daa10f01c2bc46cdc843f20f751103c47aa18f32abf
a7014e172bf5c7494e3b6998e7ac030d3c8ea02468544aafffd5be7f3c9213b9

round number 57:

42fe254d9f364ce057530945aa66979b34deb618f4396b5fcf980658cd53b079
db6ae34d718e688cbcb9bd89e3df7227ccad5f9ede927b931120c06c1c721f1e
bfa01b192a668e19eabc8f5125489f53b58f73bc2983b7b6f48d108405d1effd
16ace4119591968a758eb519335154871754ffbd56ba703c9ec76746c80f418a
 \oplus 00dec5f13f6131ba3fe362f869ff8ee2a19b3eb0f9e3cdcb245e1bbafbcbe499
e9afd475eff1de75f965117aa527c1fa814e3b0fdc4a84a713ca5f5b50e5a185
8fff09c574a89d8822d86e6f51c542809980f1688b9e6bf19264c3184e9475b9
234823503f05148ba92fd0d71d90c58e9241a8d85a44dbeba9ed93b06c767cfc
For G' cdac1f7f27ee4e6c38c03d1f0729f465f685828cf378588e70649e23b9a452ea

\oplus
02a83091aa27253acc903c88ce9fa053ff4f92d547d632924bcea5f8ad8a345b
49577584e6110e0a7b8c62729b4aae26274919fd25c38eec75d2c51d3da927f4
94d4c8c23eda4033dc62b8adf64eec08aefa546961c6b47c223cf9a0ce224384
0006953b4226d269839410ffd100cf3b5daad36d205186ef314b1925ca30055f
2ecd6eb5ea1309f5d68f5be45162d835520d4a4a758c846247bdc54cec57a9536
c352ddfcd964d24dd8b83bb10163b601deaa34332d1e794dce4c60b158367d12
5b9890c52e9e2f3e86dab70ed3fd5419de62fea69731b62a97e5154f4b632fe7

round number 58:
20e0bca0577d5a68b06bbdc3991979954588a80ddaa694ebc61de2369854e032
c537389e7fb6f945dcacf346f8b3dd4de3649102d8ff3402ea9f374c97be9b30
5f12dc5ece1391c864e13e748ddd32c0f82d4a21ddc4766e9d39c4b459a4435
e4c741aa948201dca165ce2ec19109851557650cfeabd7372af4f6a4793d7642
 \oplus
004a27fac94e5c72d280b5264575f7bef4be42429d0653fb568ea8ef3286219f
31b5cd442bcc37ff9ff6ff607f8223b307f9a21333471be213fd5aacc0a6e50a
679a2d4561e60f7ed8dfc3a7ceec3fbd4ae011aa429318040379a76cdada2d59
26964d26f206e7e4a1f13de046f567200b64ffda4d683dcb3ffc6a89eebeeed3
For G'
aa8a4465c89c05bb542de0d6293b5eab2f51e1d329de61412f8706739457b52c
655e2440342ccf1a1f82cdd8b22306df9b36721f1e74b63012f13668f0a16d8a
05a8783f75dc47a33459c39a291827f9e32dce08ddf7a1bb9ea5ac659f5ae6cf
4c580710446f0d5ab80fa325b3b8117098aacff6f70256b5d9ecef85416c63cd
 \oplus
00d9ff75c2802aace5f37ece3fbff19b440716b80a7371e1e7f0bb0ce4cfe8b0
4205586ea3f35ce22e549c61b2cc38168f0ed8fd9f912e33a4b0e960e8d13203
04c59b3aee6f4d97496468ca69455b861b6a686138125f71a0bcf8c9515361f
3c1bfb60f9a0267b1cf5a0c5280817b106d65de640bce455648e294847a179d1

round number 59:
aa9b5a9e33061a62eb08e5dc6c8e2bb136ea4f47a0c71090934ad9aad2c1adf4
82f5da547aceba435a0cf68731fefee49d3311ebb82fe0f9626de057187e3a38
88f11baf59eb6bc3efdd34331ec914562c5085f4f5f62eaaa3b279f40696cc2
510c8c6684e6380094f3ce87646ea51e339ad6b3c3eafc15089c2d9783989120
 \oplus
00b15c28cf4f150f9732a23eddecf8a4755de1c60c499e1fd0fff8ff6e5b6e56
fb4aa1fbd6e9fbbdd8c42a79d293ac8538cab71e9960eecd79f1f8211d4459b94
03bc2760246a971a523a13e426e740ed1650426def2959d72ea6368b931ab400
6e0d8c81dc3dfa9728c5de87c813a5f3a2b0a324324e54fcc93473bc74010468
For G'
53bb100a1c2f17b1de9e181684af306b56f76b23ad10a0c877bd7f70985d9c27
5b7c2e97df93f831d651b900ef3ec91438aae281e59803b641df0818705f8901
6de3059b2ab37a40cf85168f8c7241829b688ece76844c84ae63e90a4fd0d070
43fc70bdcf2b21a4fa03e09bb006c19e7c9210b7beb2e0bd62c6cd06cd1a1caa
 \oplus
00b2420cf7ec6ba95672e34aa937864b006899db40409a6968e44e0e96a4d14
d67cf27b9aad292fb1ad31a7e5cf7d2e4cc3768aa5d3004b5cfa02d051cb9af7
d9e016fb825f680e4c8340a592bede7c1da05d1dd1d35530e5d4726827c47dfb
33fb50f9a1db8660aad0313cd3fa67213eced66d4fc85aa390d09c55eba983db

round number 60:
2a06b6fc490f6d7c3a47e2b162d31543b7ae81ac8e8e8f43b52155bc9ac3a279
bf7bafac27419ed64e511a18c436b7119860022e210c2efd726246cc3ba1ac8b
4d3ccfd1f421a66cc7c0a7170bd1a874954a32a0763b3d849d1114d373d8c23f

\oplus 0100e758dbc297bc361000ac7d00ed912a7597f1a4a8e9c1a85e2bf7999548aa
00942600693a2f0e900f998a04e6730c05ad7daa91adb9f46841b7d97e25c82c
b0809e4daac89233d039c9cec6ab6fb8d045d6cfa44f45ece9ce540dd1922e0
fb6fdb1a846caea1c234410c9dee909ad40a3a65d7a49687c1bee356fb8b63f8
de849841cd2facdafa25c11bd1915823c5260298cfe07a48abed7ce6aeac7ce
For G' 095206e351d10b4bf936222e3c480fe6f1e2be1914a96ee1333b907137d1338d
00dcec453ed11e67fc88a70af1b43a7469940b404b03fd1d250ac8219413f6b4
031360a8ec124e8306562a1ecc9ffe86c8d3d3a75719b44bb79b626814ad8b70
0720446ef0a7c450d3d1a763fca6bf425cc6daf17aba1ef216515326b39f7153
 \oplus 009ed18f486041495d8196d9ff556f74786ebff60207530ed4e724130c04812
5173ad67b209b53aff6154b236e624be4f56ce97af4755c4161f9cc7c72f75f2
3ced04a93e7e45bf4014316ead01ba110b51044e24f82c9047e68d02b92b8e73
03ff06adbd7d0b0c449317b91d0e9908108a67e0aabd56d53867a2734484cbb9

round number 61: 9290fc20354272aa487b3b6635664fb203fc061f2336b7dd60e265e4e66a550f
fb31e18d890ce59e68d3d6029dd8a94825d4e1db48daa3bcfea38ce6b88e6bb6
5314cb704d08cd05f4e61b963f38ee414008c5a19fab035caf7858853a1c7df
847f1916ed3b66cc35c1b7ac91b5b2ef5395696b48938903b35711377f8f642a
 \oplus 00986fed02ce3c326967f94f5ca521b170ac9400d2fe8134bda65d4e73716fb0
7a236213f0b730c60651423ddad2140d4263bd1ae452dfa620a5032911da4250
7a51bf46fead2aba5a365c01d019afbc4fb8a8457c689d1f380abc0f1daadcab
5ca53a3a80851c42df0f3e9f0ed334a5dd5fb5bad0ab4ff89b25495effb85e
For G' ccd76c19b14a02a4b7b4f7c3bd5911b66455e674891bd1de75e23007117b9f51
af41228cd8ab5d03e9f3b8c7521eca26c2c5d7e444a8d9331554e6533c83463f
fe6401d26c0b3c46421b70619e4497c382d7e973e198dbf07def6aad86050304
df42c34ddacf5c9742b0dae1a8264a4c4cbd11d00748272e36f155f71bbaea09
 \oplus 00a10de1962226bdba35717be095c40e986f7af2d2b6ad883e680721b16f71ff
311b5c828306941f9efbabe296036565ac1bf40d8b66359d9401262d2db8f4f0
f302281220fa04fe9a380091706f180ee6a9dedf7216a872ffb434fc00e3b697
f3223838a33878def02f9f298bb021de6650774296d14f967171d060f7a57e62

round number 62: 0893cd378c4e98211cc22969c36e037350921ff1c836e9dd4438aa951b3abf81
12839e79bbd5586e82943f470abd4567b75cc1ac887c1ade068fcfa95429e629
457436b3a5e7bfaed04797ef2141fd0fb06de4e3c39e4397fd39874e0b1b74d8
da232c6dbe7a8eea314445615881a50e409230e5993dfc4bcc347e2170dc7492
 \oplus 00bf78de4c87de00fabd0779352498060c08fe4a3e760b34f1489fa40940f59e
a470fa38710c94b0f0d8c42a998fcfb09607c8491856aeb81e08776bc465cba
7b9c8f71707af3b79197085cb4518381cb66bfbdf1ff7dc2158386ab0ebe640e
514891df8e0a4a9dad4ae280ea3e25f41cd7d6f3e3523dacb91f9568472cf438
For G' 7661f8276824190d8186b85dccc5b8fc3a9c865bad7c564b8a3726a014eeae9e
5a7e0e5badc91c77081325c41daf436ede23e9cfcecae8155c07e113bb2cf0d
6629c04cf138b8d82370f0ee2b8fcd647e37ac938e7382825b5e5186e6b5932c
60fb7579f72449b29f45c823966b922aed6692919968b847808597ec1f946bcc
 \oplus 00990fc1b3d0df9c22ec72521a2cfce6883d983daf58380e236adfdbd61529f5
4020ddecabc4341a9e05b96f7e7cb609c011761df23a6e236cd28bd7e56657aff

3848cdd4c31721d15f43e727f60453c7779d8c9fba9e678bf6a273b66ce5d5df
5481c1ff7bf7f8c34c977013890c8f4b310e197a558e312ed070f7fea2ebf590ad

round number 63:

2cb5e9c0c94621e67f2e10f64a9b755c9ae1bbf640e2e9b5703531127a4a1fb6
f36441cad9ccde724cfb6d93328adcbe3cbd2819f97035876f48dfce86fba933e
e8b9c2d59d4c1941d09fb395107e8e7b0b5b5edc699fb6a501edfee0f410d68b
6bbdb23070c4779c0ea7e1b2bf80fa5c45e6167a6fc1e7752beb4937f080aa08
003fa47bf5ace0e99a0b9d44322484f6d147b64dd2b96aa172038a9ef8bd3e54
5844c3baa41d81de41103e7afeade907838d77691442d2db0e9af77ac48ca67
4d0e960af7b368703c4c438c572f72531c045bab80af6f21c4a3cb52367a59
b3ec46cdc59497ee94de3608bffe180e572e98084f3e80ceeab7cb533ed62b
f8f7e6dbf4c691a36aca0fd6f9441ab2a11e6602246e45a95df97bc2fb876b1a
5ed3b7118a5ddeee848b333fa6423f2df348810ed4a4cb798e8c36f6dd7b5f25e
610d98322f99097c3317c9dd8b9ea309aa200c34ede509adfc22308a5046f334
7ab4868cdbc5865632c91b06a36699fd870534c18baaaa878a694ef461fb6176
00f0352a76d94d967c8b0df33cddbdc2738d471af74d3e1bacbe0017051a8ed0
47ef24442763ab1c87837084e66d82e1218357a0afcaf28747c5d2732b9b4376
9babf1903212265239f81cccb775c53f9b78d961fb742b599695209f6f6be6302
eeeca08be15ac603033e67e9c70f7fd050ab5ed1eecf57e6109fd1cb827ac76c8

For G'

⊕

round number 64:

8a4dbb3ceac10fe5258db278bf1aa4ba60dbb925b83140236bb8c82f721e2ab
2082707dd15fac0deb53e9cc20022e4485ff6f683418aadfa1701fc3f25959a5
b754df6aff7131ecd3f0194751fc28175f0577e93040571da7c52ba626acd2d8
51f4fdbf9d3ee2e7ea02d2347f04444bb138e2678ed9f5e501fefca3be7c232c
006b0e09f77915219679311c3b929f31da4a46ca2775447fe0caba054743037d
93c93df262c4cf967632b74de69c34bbe6e5e78051e1bd0af82818f358e871
e9fb052359601fc28966a70969a909ec793830bdd20901c3c35bbf1291837198
fcd8a825f5478b4c9ca5b3c30e19f2c3fe6ca4f1954636e00a942c35de9c3095
07d3f1821fdc3516410225c59fc770d2932118d3237bb2f1477bd5fe9de5ca19
3c9355ad3e75f4cf30437e824e703e150b474de586451faf06bd1efc2eb128fa
a669a21d8b2f2e0aef5d113ceb66363158d555169122f46ab710153ff8903694
7e8e32ce69e666012f659ad39164f88db0d9df675fd4e68394524c465717bef8
0071d21e2ff82f4e526f46fbb2517dc0feb34ce037e9fc2b4fc18ff7aeb6da97
17267eabc7bb0d2e3c7cfa6e0a139d3f1cf6ee6ca52f3f0b25fa638a52e02e2d
48536db3b89d06680505ec84be0a99af442529851c0a3fcd1135cf23aa7235bc
376b0bd1454a9d5ee977fe8547707b785e5ddd48ff398e946a8c38e610ec7c1

For G'

⊕

round number 65:

26b5351db81ac4b3f483648463357a7c47fd587cf6507dd6713687b062e1d6b3
4b4d8fb39b63f48c30c2b8fe6bed0f3b198a8fb4494b62ab8837db0101b1d45e
afda49a6112e2e5a96be4e385521fb263d4754e24956de649e94b4b72fa340ad
2c559a687969ab76a761f7711db6884f5446961b9fc3050b6ad09660e013b98a
008d213d3828eae7c878914db0a1962ca83488a7375521187b1f6210f407273f
6f7b0bc409f4e21036b7eeb284abc94cee18ed310e63640348f0f8b06a22e324
28e544fefaf0e5037b05767cda4f07022570bb2a8894b71544512b842f831c7f7
447944b5577f575d227fa1276e2d05eeead4aa6b30301c3d2f535a ffd810ad67

⊕

For G' $a2239c30241a58136d633e2d960d126d92543314924eda08ba5a093353108e2b$
 $b52b06f9ce f9e10c3f84ec4463a32a17b1a389236a20a423477d767c5106d7ee$
 $3acfae33b22862ead0fdb8556caf9e1cf07c938d28cba7a625da1c52e2032849$
 $e5391f2cacfb5fc6126456d61483f5ee84022fa0277e6ad2fa8fc83619793907$
 \oplus $00a019a6580465b6a39ef28056dc4d647d051197f1433408ad94c001e0ea4189$
 $cb9ff46cf9e9857b5d42aaa8c67864b059a541ce83950bbf40d59fd6934561ff$
 $f8cc750a8dda2f9be05cba621d03b281b4f265ba7dee5da38c4ac6d2658512d0$
 $403dd0c8170ee3fb022132d7981996d421c7cafabab030cb402d7fcc8e7631d1$

round number 66: $38142080322e543cfbf5c9d394ec50efc9d0dbc1055cce0a29e5a096e6f18c24$
 $3684779297169c0675564cef46c677f7926285472806a8c0c723b16b93377a87$
 $3f0d58eb207e6d26e929f5f1d18b046a4ce64ac01daf30db860cf5d792875a68$
 $2cdedd2e16fc2b851e5656739b8da1be923c70aff319364583cc9f380314ed26$
 \oplus $0066ba2ccb55f1522817fcda1113b05afa94ebbe0490d85e7e7c8e82bb7cd732$
 $90e98bb05b205031c42fb938c5d318588cb6f187ad0d6876114c80a6130ed4bd$
 $d6119b7efce7c589b3cb859758645b43cb75a7294c440fe66e09fa76c1117a8f$
 $9d5876061ecc75e827c799d48b46bb0adaa2cb1f7f01b0e59170e2b2b1d7f868$
For G' $8385967c1e3da5cefdeccad0d15f09ef512283630dee0017cec932b3facfa27e$
 $b4f2953710647762c646eca5db4ea7e806c8ede9b5af9c07a8e9aac243b611c2$
 $03db393ff24d7130a1023771ac2c9d448ef6375525fa05a990da8087863a99a5$
 $04cfe4bbf5bc3d104564018c9a633aa5c5e55a9dce5a19baa2b7fa970f08d6a2$
 \oplus $00bab7e7c99380ca1b5e63b56396993c3b16094b989c0140b2d688807aa46dbf$
 $88897ae7aa3ca781c665b142ead6ce3af625be0916a0d79b864af98fa46209f0$
 $36fd9a956d1a62e4fceb81421a67b939db5fa477a4f9d21fc4b8cf0983f5c921$
 $1427faeadd2d674f0fcd5452513fad2611cca3669ffcd55696d1d6cbdea56c$

round number 67: $729aacf97ba56ed3e2350985ffe0b53344307f01cc165457992e145d8d5b16a6$
 $6dfc22cc36cc37b179f5d783156faf1ed474c0850bc0b6d66f31cd8039ae3ae9$
 $1cc395dc99a8af5ae2706689ef5f298793ede951eb3f3de8050fa1539620e7b1$
 $86ab2808305e6d3991cfa710cb1ab4489ebbb08c1886a012bc7d8ab2c3154e38$
 \oplus $00662bb35695263b93075798e8033a65488c96efbc6b4e6c777c5aa042ab83bf$
 $30ae61355dcf1fc301c1e20a34d457fb51f9e1b3beca1f8011e18fecf4606c72$
 $b082ac5dabbd39dc15a18f5d74d2fb7fdfd2df3cbbc5d7f4ecfb33ab0eda0cbb$
 $a1d1ac03e7fa86cb47cd7ddda6c9eea333d0f85651a853472bb3e72f2c7f5d39$
For G' $3f219bd7ae2504e692ce75b2c990d36a348a28957201577c1fba33806bcfc13c$
 $7befd0ba58d0e300235de7319869d2f0ed53e0a30f4b9c2ea3534de7d4183235$
 $26a3aa9f5713d45de9b633b64b247d55a993228103d7b654624f8e05cf508410$
 $e81e51285eeb64b598d4c9bf70c077a4f990aba7a5d47ff4212b41c4d673ce83$
 \oplus $00ca6f5939874bc55a5835c088ac2acd6d12412fd7f8009778758be6ad78fb25$
 $0374167c5b94e850a6be8afe63c9fba3c7ac2a0c10e6ac0375f7f7f0cb00d5c9$
 $1087a3b51c6e432fde7a9928ada6a9498db1de594dce0a6f0fbd3937b8d84b9f$
 $7af97e106ac5c03092e5e5d1dafc156906baf2cecfd86f24ad5c3320297e8b7$

round number 68: $fc874a2d3048e871325e1d17e38f560cbce9ee707d1a3bee524efdcff095195d$
 $5243f96b0328727834358921bbf8e5858d2136b50aa9567ed0426ccdce569bac$

\oplus 41398132159686f7d1e9d49b8dd2f84c3f366d50faea1ce9f492f898faeb0a27
7a840bd7a4ebf2d602dacd6dd35aebad6b48da492ef35597ce6d9def6a130172
00b0d1f693bb8e88f43c51b304a209a5880e2984c0ecade2d8dcffcb6f683c14
65e299a48f22452a4f67c561e4f08da423cbeccad22f8d9940ab3c22bc61ed66
e52d32c35d8f33b15ee97b3c99724b9c3d49d42fdbaccbf92be6efa4e4359384
354c4fb6999cb47e0123ac506f1c839be061772213cc866f8d14e1d9feca9c27
For G' ebf48e97a24f23c8964072413cf9a7599869baa5f957eb67cfb866c6b73a1978
9bc6c603440b5085e36dcffba029532affcaaf1fad302dd6a4ba171f18e7fc36
24092a4b7d977237ccaa9ee682d41c2422fcd84e19bc3b6df2b7327788cf8f92
e72f38342ea4850a312c6eaa3c62cdf2a59696a0bf9066bfe82f6d4e426343f
 \oplus 007b23ab04488e8af4489a5394224fbc164e1110fec6a6b48d735b9b136279be
e04d57e46f70d1d700b473359978d28f3594c274e3c367e32bb402defe11b4b6
9c4f9f0f029ea029dd0bd0617caff436ef22720293bb646440f2e41dd1bd4623
2398172ee52ad1e84fda91928ee07c6a660e4fa46fd940cbd88e94f7c108f5a5

round number 69: 379bdba3f366f9c6624ca4e72d5fa934e7c7f4bdf6960c8a9202049ffd254937
a160cf8c0a37527b524c405f086821aeada7fd886dbe790e950ef723776caa4
14b3f14819b5468f00afa714a0b3d0027fb97f2146d710df74173c1ede99a34f
c844613d7746a803f9613dbc4668368b29ad6b3d3fd3f843797c3694d99d55fc
 \oplus 0060be137257d8a976057f341dff0447df975ae8f532ce444e2ad5613e0dcdff
eccfe743c13e04642b72b0ede72e932d5a568e55b87a55b340a656eb970f1454
d1dda2520771a4fffffa1f530c8fdc53b7b34deb6b448b3b1ee9f6445be40cae
4262610863d2b2296269ef49beb304b6bf85c508752fa1bfe33b8b42b4a0ee18
For G' 8fad3ca607ad426208e812a8dbe8e58e27abb507914dd342cb3d5da45860c67b
8b91e72b7b8152e3d9bcce395181a5ca5e6d6b4ef34a358f0e15c1e6f64880b8
46b5447f09d21e11a14e87fe7be812cddeaa4c8a075f09b245d66a5972c9b1c4
b72f1acb8e54e27ef6ff38b282b1954c5726ce642046a0260c6223252ec19aeb
 \oplus 006bf910dd39b8a935519e5a0454bb864a26f4c78a62b89a07c96ed5291355dc
c155acbd577f6ffbe5dfc1e34dc30ec85e3cc8f9ba101fd5ee6908d93232448d
08491bd8c52c4beda76b82aeb0cebcfcf6f23af31b8902b85b6da8f83aa4ece4
52e532aef65265caa88806bc798be197d1546e752a1ad8773bf70f7882be92f9

round number 70: fb65b08131216f1449dbd330a0ad733850ae5503a4c2cedc28d1fec32884c84d
af28cfcb09561f793ef0b2ef46b283b08cf18d3ea1b223a9f6b999a079def0c5
6e531a1ec4e270ff55b847ac3c0c51c80a32ca2d939be46afeca5a857dafel8a
26003514941a2a9b08d2f5f8db323d9628ae354afc59fc9a47bdd66d3dbbe437
 \oplus 00e2f7c552687513708d79420bc573eaa406947208d3bedef693c9e018d5abb8
5097e70b5ed3f7ed405bb54f527bf61920f0fd2624d5abe63753a63338f0b233
14fbcdfeef94bcc7d8b2d8aba169f974706bc555c808e64f2e1bfc1cdad4ba91
7df9dff78d04d5db8f7797927138cae4f175877491a057ec3e6eaca308a11279
For G' c6c5b6da94facb3db98cf2dfbc5e086d8d41c01b2f6bd8ccf43371717393a74a
c44b962cfe3d183c630fda1c42ab020051a3b7495a2a5ae07cc93fc47ac4354e
fc5fa7ccfe55fc06250550cb26ae31285876791cd60b0a1ebbc2a1486d5d20e5
ca2865780687b45e773e0efb3a74db8672a0110a5c785137952c5dac7f08128f
 \oplus 00d5b3679b8d0e979048c32c465e401f15d4128f7803176e1f51a7b017282e37

b2714c79b247e807f71a3eb3b4f1665ee7c3fdd06603e8f54c32483757c0b9e
 432face07bd03fa306543ed751cceab793584f3d1e5b572fdf12fffe17014de2
 185f594ae07cec4703b63679325f4a3d405aaf75de2045aaae2f73d4234c44

round number 71:

87474463491a073956aa72ab6800d2f4a8c171ac117002de423723305163f5ff
 bf28c05785e8947eab07a014c975a9ac0170188567884fc1ea3f93412e42f67a
 a8d7f12a76cc388d0a9f079d65a8bc7a590f785b930225d0d1a699a77b5b1b5b
 f9eae3191eff4087a5626aaa0af772d9dbb23e6df9ab7679d37ace351af64efb

⊕

00f00e7b2c734eee52358cad3dfb69b076f380b2934fd9190e6629234546879
 6323ffd5c9a49427df1e49e4bf080a3d573b9c8a65c8d1e5d57e431e9f2459e5
 59e372a00961df97311282eb519f257f0929e80e6cf60dafa133cb0068d25b94
 3c2b54493ca389341c57db0a874bd83efdf1434094b7ba6ba365b7e2e0208a97

For G'

1005bd0f77c5aa29c431f3fa0048729895d2945768cfa2eb62d6c164bb897d76
 3ada554c7af03b9415e4aff65a645eb66048945c4a646f280a1b470fb83ed0bf
 700b2c8585c3a523516e1c7762db9fcb2e3621c8505d3164d05eb67a5c6d07d2
 773c32e6fb581974883882082b91bb32fabe fd019a556d3fc272dfab2b5ecbc6

⊕

00b00194434ecce5303596df100041b73db1ace83a502f02f031c250f2ed209d
 275eece57748a57113fff764995c6549c54995867de9d0b769b6904449618379
 8623eb9cf8ef80d0dd6f54d345394b2e5fffc843a36b8c9f0539065f17e71333
 40511e899b283e43caa5e038551b724b470c688d203d7d64d3c67b32c714cc71

round number 72:

b74a18656949d7049ffe0655ff646fafae49a73844ff4fd2d141a265379d86dc
 0b3f824c4c00597419e9f0767da391564b840f02409e243f41d05fb166af9ff1
 34838a7fade71a3b8d85763437990550269055ff4287f709552a7138940cfc5
 c1b750225cc9b3b935b1a08dbcaae726437d2d6d1ccc12701f79d7fad6c46c87

⊕

006d21e2c0b89e438745c58b05468503f425ab2492fe993717665bdfed1d2b7
 8c672361148f7ca3e08665dc6e81763901f027e399de9e25f603ccdea32d2694
 07c8078bfe1fc3239b450dd903ccbc5add47b5567bc290e3f05edcbdb9423ecfe
 40276f03d301aa24242b2bd0e4855d824e94b26c8f9b2b7465922bb66e986c37

For G'

b5bc9b348b66ccf40465251048332fa86338bf529f8de992e7033449645deb1d
 84b9a90db89ee5061b5892c3383bf5a50101da378dbf9f63add74bf15f53c6f6
 28c7197d2c25f38c0148a427e2d4e571c9e98bf336bdfbd567b0254b8a14e137
 6d2c6f60702737429d62307e8ac979bdb2958cba68105b11b4a499ec4a07b710

⊕

00bb16a6b92847799c799be776e13855746e321e7d417c03fbc84e5e0ea151fb
 a4786e585ce713f084ab8ec4c2e7a0439d6b9c3ad43017037f131aa96b2847cc
 f2de8d8c1718d9e6b6886d9b51d9e56d8aca53fad491ddf19073a04ed7d6bda1
 e93a6da6b28ab0f7fcb34e17ee f88ee2bc901f68f8a325e6e08f20d6b37046db

round number 73:

273987a9f1494718bbc3defa22eaac5a6c0c1cd601d6e5c627f9b3c94c546b87
 58a12d588f25d7f96f95aa1322e76f4a7428e1d940ba1ab7d3936fc582b96533
 4b8df453f8d91816c07bed3455b90afb7d7e0a98feae f93650c7bae1d63233b81
 903f218fc8199d119a8b5d582fbaa40de99f01935739047aebfc4cb85c00b0b7

⊕

000deea fec66b5fce19cd3f1c8e36bb9b409bff85c625ee31ebec5b0650ce0cb
 00ab70bb6a0f88994ed63e75b6e0a0765693d67a0764f0a99fb7c2f6b77a08f1
 6c3b169f4b8646c6d3c7dec8008a468787b8c66f1766a280f58d8867edc7caf1

For G' $43e1c418979404b9c0acf f4f d d e f f d 8 b d d a c 4 f d 7 b 7 5 d 6 6 8 e 2 0 8 b e 8 d 8 7 9 3 1 5 a e c$
 $078 d 9 2 3 2 4 e 8 b 8 d 9 8 1 c b e f 7 3 e d 2 1 7 f d 1 7 5 6 8 d 4 c e 2 c c 9 5 9 1 1 c c b 7 a 1 7 6 a f c b a e 6 2 0$
 $c 1 c 7 5 5 e 4 7 9 f 6 f 6 9 f f 3 1 c 0 7 f a d c 5 f e 6 9 c 6 a 4 6 0 d 5 9 8 f 8 8 6 0 d 2 c 4 5 1 5 8 3 4 7 b 8 1 3 a d a$
 $1 9 9 4 f 1 3 b 3 d 2 a 6 a b 7 c 0 c 9 b c b 3 0 d 0 0 1 c 4 3 2 3 d 8 0 9 e 2 2 c 2 6 2 4 f 7 c 3 8 5 0 5 5 d c 2 5 c 9 6 8 4$
 $1 6 0 2 c 6 c 2 a d 8 7 b 5 6 1 d 1 7 e 6 9 6 4 3 1 f 7 5 f 0 e 0 5 9 3 d 2 9 0 b 3 7 e f 7 5 4 2 b b 9 3 a f 9 7 7 f 1 c b b 5$
 \oplus $0 0 c 5 b 5 6 a 3 9 1 5 b 8 0 7 9 3 4 7 b d 9 b a d b 0 0 b 3 1 1 8 5 3 4 7 e a d 1 4 6 3 d 2 e d 7 0 1 b f d 8 3 d c a 2 c 3 6$
 $a 3 e 6 2 9 9 d 3 2 6 6 c 8 5 c 5 1 0 b f 6 5 7 0 1 1 a c 8 e 9 a a 1 f 9 1 b a a d 5 d 1 c 3 c 8 2 f 8 7 1 d 8 c c e 3 7 b 2 6$
 $c 9 7 c 9 6 e 1 8 e 7 c c 1 4 8 c 2 5 5 9 d 9 2 e e c 8 d 0 6 3 5 8 1 1 2 5 6 8 d c c 0 5 2 d d 6 5 0 0 4 9 b f 4 6 b 3 0 0 8 1$
 $b e 2 a a e 0 9 c e 4 f 5 0 f 3 8 3 5 6 9 8 8 d c 7 6 4 b 9 1 c 6 6 d b 7 2 f f 0 2 5 4 a 4 8 7 9 b 0 e a 2 1 9 e f 1 0 7 d e 1$

round number 74: $3 4 6 9 0 6 1 d 2 f f 2 e 4 5 a 5 f 0 d 0 b e a 0 9 c 7 e 3 d 8 0 5 a 3 2 e 5 d b 4 b b 2 5 3 9 4 7 7 6 7 9 2 9 5 8 8 b 4 c 5 8$
 $0 a 5 d e 3 e 5 2 a 5 f 6 0 2 1 4 3 9 4 6 6 9 4 0 7 c f 3 c 2 2 b b 3 7 a 3 4 7 d e e a 1 e 4 c 2 4 a d 3 3 3 5 c 3 6 d c 2 2 7$
 $b 6 e 2 c c b 3 5 f 5 e d 0 1 3 b c 3 3 f c 5 5 3 3 4 c 7 c 5 0 5 8 6 f e 0 f d 8 9 3 1 e 5 f 9 f 6 2 6 7 a 8 e e 4 f 1 7 0 d 3$
 \oplus $d e e 5 9 7 5 f 8 d 9 9 a 8 5 a 2 7 a 2 1 7 f 2 5 5 5 9 8 6 3 4 3 3 4 e 4 4 e 0 6 4 6 2 f 4 c b 7 7 a 4 6 0 2 5 3 1 e a 5 b 2 7$
 $0 0 5 8 e a 9 8 8 b f 4 4 e 7 8 e b 2 5 5 7 e 4 d b 6 f f f d 7 6 c 2 4 d 2 c 6 e d 8 5 a 0 e 8 e 5 3 e c 6 4 c d d 2 3 5 d 5$
 $b 5 5 7 4 b 0 b b 5 0 b b 0 3 2 f 9 b 6 0 3 c c a 0 1 4 3 0 4 8 e d d 4 4 c 9 c 6 7 f 3 f f f 7 5 c 1 f 5 c 6 a 2 1 3 6 4 9 9 0$
 $4 2 a a e 9 c f d e 6 2 4 3 8 9 c b 4 e 3 9 a 7 e b 0 f a b 1 c 7 0 0 1 0 f b 0 e 2 c 6 1 e 5 8 b f c 8 4 5 1 e 5 5 f 8 b c c 9$
 $5 b c d 0 2 b 1 9 d 6 e b 9 e 0 2 8 5 1 4 7 5 c 4 c 4 9 2 3 a e 2 d 2 9 0 c 2 b 5 c 6 a a c a 3 a c 4 2 3 e d 4 3 6 b a 3 f 7 9$
 For G' $4 8 2 7 5 8 7 7 9 e 3 5 9 f 8 f f 9 4 a a 5 7 f a 7 f 6 2 6 4 e d e 0 b 0 8 1 d d 3 a c 3 2 1 c 7 b a 8 b 2 c 1 7 0 c a 1 6 6 2$
 $2 1 7 c 7 9 4 b 9 0 3 e c 3 a 2 1 7 f 1 a d d d 4 5 2 e 7 5 c 0 5 9 9 c e 3 2 2 d 5 7 c e e 4 6 a 9 2 9 e c b 7 6 2 4 1 f c d 0$
 $e 8 6 7 d a b 3 5 6 a b f f 0 2 9 c 2 1 2 1 e 3 c 8 c c 2 0 7 b c 9 2 c 8 a f 0 e 6 7 6 2 a a 6 8 5 4 c e 2 8 4 e f 9 6 0 5 a 8$
 \oplus $2 8 6 8 c b 6 3 c 8 e 5 9 2 5 2 2 8 f 1 e 9 f 6 9 3 e 6 1 2 6 3 4 8 a 0 6 f b 1 2 a 5 3 d 3 b 0 b 7 9 8 e 0 9 8 e 1 b 6 5 4 0 7$
 $0 0 3 9 b f e 4 a b 6 3 9 f 9 e 1 2 1 3 d 3 8 c e e 3 c d 5 6 d a f 6 9 c 3 a 6 3 0 3 6 f b 6 3 1 1 0 f d c 7 1 b 8 6 5 c f 4 5$
 $0 4 4 7 f a 5 3 3 6 0 f c f a d 1 f a 7 c 7 5 e b 7 d 0 d 0 6 2 c e 2 e a a 4 1 9 c d d e 6 5 a 2 b 2 e b 5 0 9 f c d 8 f c 8 5$
 $d f 3 d e c 4 8 2 a a 7 b f 4 a 9 1 9 7 f 8 e 5 8 0 2 2 d e 1 c 6 2 0 e b 6 5 7 e 4 9 f c c 6 b e 5 f e b 6 f f b 9 7 c 9 f 7 f$
 $8 3 1 4 7 7 f c f 2 d 7 7 2 9 a e 4 2 0 8 0 5 6 2 f 3 d f d 4 9 4 6 4 2 0 d 2 c 9 e 6 1 a 1 6 4 b 8 3 d 5 e c 5 9 4 b 2 8 3 9 c$

round number 75: $3 1 e c 8 5 a 4 0 6 a a 2 2 b 4 2 8 5 c 0 e d 2 a 8 1 c 2 5 7 3 6 1 6 3 7 1 d a 6 3 7 f 3 7 c 9 2 5 9 5 4 d 9 5 5 9 7 9 8 d b f$
 $0 a a 8 e e 9 f 5 4 d 0 1 3 b a 2 2 6 5 5 8 a 7 d b 0 c 6 a 5 6 e 3 e f d b b 9 1 9 e 1 b b 7 8 b 2 6 f 5 f e 2 5 b 8 b b 7 f 4$
 $4 8 2 5 7 c 8 1 3 c 9 3 9 a 7 7 7 d c 5 f 2 d 8 4 3 d 7 4 c 2 8 6 e e f 4 d 6 b f 7 f b a 1 4 9 e e 3 f 9 0 b 1 0 9 c c 1 a 8 5$
 \oplus $2 8 9 5 e e 1 0 f 7 1 1 b a 0 f f 3 5 0 a e 1 9 1 0 a 5 9 a 1 e 6 7 4 8 c b 3 8 0 8 5 8 6 8 d b e 6 5 e f 1 0 7 5 0 6 4 5 e 3 4$
 $0 0 f 7 5 6 8 8 0 a d a c 5 f 6 7 7 8 5 8 3 4 c 0 e e 3 5 3 2 3 3 5 8 f c b b c 2 3 4 8 8 1 5 1 e 0 c 5 a 3 4 3 9 c 1 e 1 2 c b$
 $a 9 e b 4 d 9 d e 1 5 c 0 1 4 6 1 d 8 7 e 1 d 7 2 0 6 a a 6 0 9 5 0 7 b c e 6 4 9 7 d 1 b 0 b c b e 8 9 c d 5 d 3 e 5 3 a 9 a c$
 $0 b b 3 9 6 4 e 5 8 1 5 b 9 b 8 1 b f 4 5 5 3 d 7 d 6 e 1 c 4 d 1 e 7 d 5 8 d 4 f 5 7 1 5 e a 9 f 9 8 d 9 a b 8 3 0 c 3 b 7 7 7$
 $2 8 c 8 4 5 4 6 4 5 a 5 2 3 e 0 3 8 e c 8 c c 2 a a f 7 4 b c e 4 7 a f 1 f 7 9 2 a f c 2 7 3 2 8 d f d 8 1 4 e 7 5 a 6 3 a a 8$
 For G' $1 e e 7 9 3 3 5 5 6 0 0 1 1 e b 5 9 7 6 f 3 4 9 c a f 3 2 3 7 1 6 2 c b b b e 3 9 a c 9 7 f 6 a a 7 6 e b 0 c 8 a f d 9 2 7 2 5$
 $3 b 8 3 1 8 a 6 3 1 0 c 0 f 0 8 5 6 6 a 8 3 f 2 f e a 5 a 2 9 7 b 2 4 9 6 3 4 9 a 1 0 8 1 c 8 2 0 7 5 9 b e 9 e 9 9 0 0 5 5 3 7$
 $5 a 3 6 f b 7 c 0 c 4 0 4 8 0 d b 6 d 9 0 6 4 8 e e f e 6 7 a b 2 2 3 c a 7 0 2 e 9 e 6 c d 6 0 b 2 5 4 7 b 5 6 e a 9 a d 7 a b$
 \oplus $7 c b c 9 f 3 a 3 2 e 0 c 8 c c d 1 6 9 a 0 b c d b e f 2 a 0 e e 2 6 2 9 d b 4 3 2 7 2 d 4 0 f a 5 b e 5 d 7 5 0 4 d 7 9 b 4 8$
 $0 0 c b e 0 8 7 3 1 d f d 1 d 9 3 e f b a 4 5 b e a c 0 8 c 9 d 8 5 d 9 0 8 8 4 2 b d 4 5 8 9 2 b 7 9 c d f 4 b e b c 3 a 7 b b$
 $9 d 8 4 e e d 5 e 4 5 c 6 f a b f 9 a 5 3 c b d 5 a 0 e f e 0 b c f f b 6 8 3 2 9 1 c f 1 5 9 4 e 7 c 8 1 0 8 c a c d 0 8 b 6 d$
 $c e a 9 b b a d e 2 b 1 f 4 d 3 2 4 7 e a b 1 9 1 8 6 7 5 d 9 2 e 0 9 3 2 9 9 3 8 f 0 6 6 3 d 0 6 b 0 4 2 f 9 e 6 6 8 e 9 3 b 5$
 $7 7 6 a 1 d d d 7 2 7 d 0 e 4 a 7 8 a d 7 6 7 3 c 3 a c f 9 f 8 5 3 c f 8 e 4 5 b b c 3 c 0 b 2 5 5 d 2 c 1 4 0 e f f a 0 8 d 8$

round number 76: $1 b d 3 2 c 0 c 7 0 e 7 4 2 5 f d 9 8 d 9 e a 6 f f 7 6 5 0 5 4 e c b a 6 6 4 0 3 7 b 6 9 8 c 5 5 0 e e d 6 c 5 6 7 9 f 7 4 a 3$

\oplus 43a302b58c12fc3fe2b970fb66cc5fb39415dd8e300bc40ce692bf65d81e5843
 96eacf648623cf6631a7e53eb95065709215bf028af fe017b20a09390fadf200
 5dab56b2b499efcbbc22dbba52d1d020e7d44122a44fe96ba3704925c2649c31
 00fb3bdc59e096034c5208cbea40fccf414241c93c8f9c2babf889820db708e0
 2157794f466102ccbb27516d0054cbf1bb82f322e78a32864edfd8352b224720
 a6c13047198162100f627bef3ec3d4bdc4e203d711cbd783b1a6f3874d93a11d
 329efb8d023d96d1b0d9d4254d4f0bb9340a8692ecb7f2995c3395854b2e4b5a
 For G' 2c73b267dfc032678d57122033afece712b367b11d27f810f26f83441a809ea6
 07f673d55060a3afcfbf4fa4ab5c9c7db20b7b30c70916e091ae1235d0de5a94
 9f40d1ee1bcde92a7ad51f6993a39c2af8e9166e0aeb0d95054c88c14441e0b
 d682e7409dc686a9c4d6cf1843d3f6b1ad13f189b114bdf06c9c35eb2d93901e
 \oplus 007b49af4ea2b97efffea831566fdad6500d2df fead8640c3e2ab7ff407e5a69
 ad20e3e30b0888312565aa34481461dbb8ef9761659ffe5b3f8498d8e82ac800
 4bce6db32f1395ffa7f26f7e16d9ed1c1371f48c407fa1a8c2b21ddf0db3033f
 b3e46c2f4be67ef62e91c9ab04f140d6afb80c9e49623ea4372689f9ec27527b

 round number 77: 2817d02907d45c95df966d1536ac9badf827890b3904ee fb165f476a287c4362
 f47bfaca73fef3599e2196669894422f972eacd781f68aa84d6750f33c1f6330
 2bfff239fa2ad763ec59ed18793b1cd56f7bcd59b34379403acfabe423e531d6f
 35ad3fb6a4791a0cfb0f9f1f9edb99d3dec7b048f81bf2ff43dca0894ad76b1b
 \oplus 00ecbccfd72cc8c4fd854dd1b3cb6cfa227df9cd09b31edea5e79fb8e3beac1
 9c2fbfd7ccee21d4131eda9dcfd4f5c25e5b52c32f4587fb6cf984dcf357fdce
 c2da64fa482dded0235db5c6d3e9aad0430ddf aaaa1b86b0aacda77e34e75368
 27dfae91d8c69205c22a6c04d1bdcf8fe48c3e6953ff7c7d84fcdcaec0966aac
 For G' 08fbc891628b1972a9ba1165c0363142be4a4ef7ff9c1ccc4534bb5afe4cfaa
 d690365b682b9eeadae590e348fda60ae4ec51a296e8bbac2a8aed38f49294d4
 8ebc5ddea4fb6d005f3e888fe3d4debcff65eaa0d1117192e6d55319f71d3465
 668b6fd620f85fea4706b34722b66702abfd17f87683545bbabc12c1b4c2652c
 \oplus 008092407a19cee85395184b0503c03016092ba8404dc6162b9f04147c2dab40
 f10223c22268bd0ca65842b47709f24b784320588f1ceb1ea0b1e4a2eccfcb21
 df90f30283411639392c6ecbc43cb21ec6c3beaa82685f52d69e983f731708f9
 a3c1fab462a07b59ba9b352a2779e3ee7471bf67f6f5724034af85ffe2884c64

 round number 78: fb6ce6d0f89451221320c48567f757da5a70c630b7f025bc013e91a647a9a368
 54451dbf10d28d8d3f4cfb5740b7edc975fe14aeb30d53219ed42fcf489efee9
 254765ea80a8eee6c3644140586786b4b10a319e2c12b30637193c0ab44e0712
 7291277cbf88093925f31b4f66565c3a4b8e21abe48e82c7216d278a4101b728
 \oplus 001a6b8aad336462f5c1916143d44b7ac9f0e2f18f462590b99fd617d83b3e37
 1d8a9521c832f3617fae797fab3cddd8c9359ba9f6d8395c8ca7d9a627f42da3
 c51ee81ce81032d143af9ad5ccf404f10d766c39c572e1108e54176c78bf89d9
 3ac3feec30f11a10c2c890378f47f3cfb80507b0ae478453d589bf4122fdb8a
 For G' 7b5ad11892d79afa2f092ec535f172a843655fbfd1dada6eabbf4e82e964ea27
 9215994a4323e67cbdd2573ff454419caf71fa19f450b08a3b099a185d5ff551
 2caedc2c0a7b396612e64427e86ca239a6540a53792ec0304bcb26840a3c9cc5
 4a9562425824b3fd9d866d05cf84ecdf8ca89f8076261b8e13973e564a294808

\oplus 00873c41068c42ec040dadd6f7f4095f9fc327e6e69549206590b78ff92206f5
a17cbf15362d43558e831a1f4c681278ba30a8ae02d915355d7715f3fdbca190
db78c15754730b2b0c25b545d47d4adc6ca52c10dcb8069bc4d3af0404b746f5
2fda3911a041ebcceff71562e874250c48dcefffbb925544f2d7b525ad39aeb34

round number 79: 768d5a55a73540e6e155e424231ca0938024c138b6002cb8a147b19f929d5f49
cf889ed8e07eec40e28228eb8b3011bccb8f0745d56a7d1273f6696f6ad34ae0
598df668b8dc3780cbdb9594938245bc7c5da7e9605216b94d2b66ccf18ecb48
52d9908f791329e73b8b78e911aff5f38b261b4ac90694f4e4987e532e6ca2fb
 \oplus 00fe82de9d936ef71f0ca7a1c1df033ceb74c6f334f9a61912972f001b3a2a11
d4dc85b31028763299dfa4f18a45049ec2fbdd87bbdbb179ae81facb52e8100f
5e9161ebf5457b531cca7dd56a204b86dae8d99ee85721ed648ab1bb9968d09b
e377033c28d3931209c2d09e2e8f63098bfe99d103f50c806d9aa4bdb1100936
For G' dded59945bd8162b048313c2057bf7dca67859374f934ecec2ff90d1046ecd233
69265f750ea52933514d20b83c53e4154152b7f689a5bf667e8feba0e3b4c1f7
d61d7b5e08324d1ec3f1623c11e8e5caf12643a596c6ab8f1889800e8bda3065
4f5b53f865583172f73b2b48c6bc1b0166607fcf034fc13eec6c0c99b3a33c7b
 \oplus 00d9512c93f0466868ac67bc6efd1db3fff58e7cd3b5dcb296f7fb6199e68d43
86ac4eb751ca0483c1be6fea3e950e73889da54b3dfdf62320544cd15a5c3d8
f9f64caf67f4d4b3a09b31efdccc5ce0ffcca5f504e83456ca76d7bfe80837b48
3a6398987bef1b055d1a9756c3be128c364d32b0178d4d38eddbefca368b0095

round number 80: 73d88b3aa62e11fe594385e2c3a3af6b5007cb82f98aa1b3d09e9f89a775581b
541b6bf0569a727b5d8c1a017515220974dac26eb1cc6bdd7793a4383b5aef07
1c97834d994cd3d711e841f9a20e3aa6b57e778805375429a1d77768e61bd3b1
ae93b351c0baf53249a8773f2096fa00d8829bcacf398748902daee9f7cabcd76
 \oplus 006daf242f8da3cfd766bbcd3504e0399e1bd2625bae42345567c654eac1a8b3
ba4219f26ef55dd119161fa8f13da97fe0ba955b47236c9193db3c0c62b8aa6d
67440d29de7f3e29bedefdb68033db860b10b1aaf355661e8c535df11dcaee6f
ff0f145c8644c2701b6db3a4e1cf44d69075dfb0924d27c9c2de0c930114e74
For G' 3408b8c82850436c2f747e6b86ea6f598dd74b9c26927cb90ef671df0a5f70ef
8a11c25f6f2db090f34f5202c6ea66c9cf12bdb45840044c8aaf6df611022f2f
eb37f16fc699ad636a53d3cd2d2bc50decbcf5d845eee3bfe4fbf00b594b2d75
38cb601eb72a77aa21bc1e0502098d502d4d7f14c28c0601b7e35385283ceedd
 \oplus 00b8627a0de87b83f2ec60ac890a178f20eefee5ff2aae21833e85471ecdff2d1
e26f9fdd6653a9200caff41d9d4e6c04f4e38c689943eec4115d81d4fe91c897
922ac9d10e14da5bdf49b87873a5e48cfb24efe997aba4183931eae8de0e7e8a
29268062dedaa9d84379bb4595f096e9614f51a863a83938e0fc3052bdf3732a

round number 81: b5241e89a3b2318e253e0ff6a74f52ce1c19e0a224e38785f959dd4db4f0a8ee
597202386f2faa449a05a984288b7694605735f6ef074ce448983459e2456a7b
d38e644733edfea36bc4f223de120be6ec622f66232372d842a99fbd13dde51
9ca70d46fe374252c5c49bc1590e4db185c631fabca6f59ef70e564cba830273
 \oplus 00a32c6f346f90ef7c459c240717a861613c8db686bf81f44d6e04475babe556
0c1049a6117b8526c8c67dcffa901ded1bc15631dd9724500cae20b1a3153100

596e4b35736b9f4ebe4d47b01542a914a89558c66820c43d8ca5ba0c8c1acb1b
 5b20e0a5eabd942860cc875103bd82e718c6ef392731f46b6eba89ffc8c93039
 For G' b0dab225b838efdd981ec70fe078d6ad39b579d9b8d2988dc8f4981492823e68
 7e5d82097e19b0ffe0a61f5ba40acd3bf131dcc103ea889bf2ec22ef93e7b879
 1d38bec88d7738b51a6bb55e8e218117981a31d24547a7ddca1ae3874553ff11
 ede07c69f0de7262c5a54097f91bb94c022ebca1243f39571f63d795cf9df734
 \oplus 0064d8cd9b81b2b3404ddaa4bbdf879e5ee0f6f6eec9985ac94bef fe1d7870a
 a45b599c0fa33262006ee081c55647bfe9c1b392fa00a3735f17a07a23480273
 94803cf708c079132cc52aae2136f557026d2987f615e9cc5ab79096800ea8d6
 28d523e15d6fbef95c0806fc3455f4e79e03b3c4037053f955a8af9d9cb63cbb

 round number 82: 8732e697dda161597b93d2a058faaf7d256d14a25c0671b437d90aef5b4db855
 624b9e7e542f6252c3d44bd21b6b797b9663c7329068b4443614e841505b7b8a
 e02f72408661e188f1089228a389aac6537a300a12f310088f23f75d27154ac7
 87ede3148ad67aa5081c905ab3cf569d00dec39b9701f599b4dfb3724a324ab5
 \oplus 00fd9a2ae6e5107ec349fe880de492ff04e60d25c93ddf1b9d5874632327fa2a
 5529975a14c739d46360dd0d5e3600d73b9efdc3d28ea1d28008fc5c23dbdbcb
 0a1b8197cf23e8949684918e259b4526962fcb05a0892089871ee894d36e5699
 96158b0044cc689d2259767d1340d3f091c4c2af7e548ee1be73ff046832f4fe
 For G' be6ae823b95d6ed8531dab5ba70ed4dc5b76b6d63e0108646026eb7355b962da
 06db9571ba829de0c8ffda615c8a8418f06f53f9ea2be8adfb8295b0afb0a89
 b8823f85b741a636ae9ff0af1774409a771855b3524e1190ad7311c55d57c7c5
 355f88adb1ccdb99ad466bcd4e4dab9c2d0f65274f6aae4acb784c132bcb8fb0
 \oplus 00c2820959e76d045a1a843611ca62571c34ee7a68de1b2b445dbf5302c64c6c
 52718db7549add28d10e8a186ef96632f36d8ea94d03503ad77ee55bab00236c
 9a53d15d6ed3412ef83a939c78e7eec4f4617cf60f83dcfa14af02455b3f9c9e
 5a54fe0d83ad065b030fa4a557a7f62d4c18f5d149f49a019a24c581c8b6cbdd

 round number 83: cf7cbd3b447127b8da2c28551e3d82218b1987953baefaa817e8c786a427f37
 62092440e85b86a0b496df455d79acadf d3af142e61596b61c141d7380a041ea
 34f3d74942091c678c03a68612efc0c555fb0fb27a3081083d1fc9f47b1c5e11
 f86814ce1a12382a45e627a08f856d911a0134e9557b780aac4c762200be4b87
 \oplus 00484d893138016d47ebff25095774fbc24f95fe6fffff3b24557d34b15113f6
 1aeb01b4723d5094cc4193633b2a36cb5eee71d2f067e4cf174045ad96ffe2be
 a464aebd3b408c6d65e8569f814af5f95130295460a8461cab161e9a8d14900d
 a340f977c2c217acf30c92495db481faf24b7007022d74366105af60f4af67ec
 For G' a86a2ae0ba03dc09072f6db6c4b68b474258ac56df134f247b5420577f2eb654
 aa18c6ee1840c819f150793273e22a0302dd50a728b8972cfc70eb04ba29e522
 d1eed8d992e71856a563336f93ae5e837929455dcdcd6ab9dc138006685b5b6f
 0b76a03261ddc2ae49cf6819ea5db1611790f6069e344b515c8992e37d446dbe
 \oplus 00cb1a24e1c5c4da449b0d2786f4f33d3ff648e6d3a5a138b305666f46fe011a
 239d858473013f258edcc5e679c9fba3c7ac2a0c10e6ac0375f7f7f0cbb5ba3a
 da f5b04a.fcf d1.fc3feac4828d2f06a9796d958b2cc8ae487b0dc15a1018d5a0e
 d44d1ab80fbe3948be1aa93a94ef079dce6371bcb28391de496d6d8ad6831f38

round number 84:

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For G'

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round number 85:

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For G'

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round number 86:

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For G'

34f0b2754926d59dc7d770176af6da6956126b54515091a52bf14cdb136cc178
e225f49a66d63478d74c2666539a66a3d48090167272790b5458de165fa35490
9779f47949900ae9ebf01993a5153c04cb26e61a98c7149609d76ef608ce1c5b
28edb9d8d02f86b6eab5e9d231ec6be84a44ee57560c3ccd49d942f4112c6bcf
00ae0f989d9efcbf2d16edcbf1169f42319c5b47d4f6f7f630541d87a0bd9a8c
59d5970350c7398eede9053497fe6b11388cac46df13d5ee299ba9ddde53ed8c
4272f9419685ca9460e9ca0e62a54ee8e1ae71b1bdb1287d7bbe7e820eb4393c
f2cea695881e3a5621d02508ff321cf1826567551fbfffbef29c117f6591a2ee
a130c45bc618d343b460914242787a7daee4b00cb6ee1cc851463839d0b74e89
85436a6b41f73c7f8cbcd40a2bd1a0c5717aab385e3b2f89871cf4719c5f180b
1b68936e1a07955bcf7b47415e3414ef01def01478e3e6ccf95a769d60161df
3bba8a6e63fbe6f7d5c1237eb2b6fcd9f387ba2cb7da8f15e4ff69abc77286a8
0093a33fe67c5fcc53ee49bc249dac50a4c487b31de0543e08acaff93be28498
c87b115e189072e8adefbdb3e38ddb061666006132123a49f574107297f9ad5
f6b0508c3412498ad205fb6a2ab08102a3e4971f579a030f4b3696a5f1b0e939
b78f42b9651b96b9210853dcefafa0df572bb1f343617f926fffb9522c6eafae6d

5ebdedd4b82922eac19ddc9be0452b678e301385a666531ba5515cb3d15bf4bb
f0639936110df63aa52352c4640db2ec0c3c50ad61ace57dc377cb81f0b91cd5
0b0d38df15c07d8b19d39dc7b072ec2a8897ab25763ceb72691074067a2567da
231f4d5831bce0cb65ccdacede7719c821890249b3c373ab45538b74bdc92134
00c2f179f8495973dda166f72cc7fd130a92f9add83ba0572f184487dd5f68cc
13580196b4787bd61a18f2848be9bf61c34415ee307df91b6f3c51bfe660234c
110c328de8104addb8c09789ada10cd9abdc5ff1fb5bd6aaea406afd366b8ff7
26ae6fb43c518df7d1a248e80087cdaa93c6b8c9992377bfb6d2de9341d0ed73
a3676420648c8fe78ed8fe66e5d62d0a2037bfab0e48f659ea97c0eb55ca114d
387b3559674e97215369b9c85c7b35101ccb3e4d1a0c2d184bb576b52082deed
d8c3e22e15dcd11d7ebc2b748495ed53f9781e10143d6384a331cc27b188e68c
35c8d706e0704ef4c970a25d4cf12c813ca51881cd76331b463b87a9dd28c5a1
0095a1ef61b7c729e99843632d8ebfffb9d6cb6e955df935b09750e68158da53
d6b55724bc2053a4cdabb6f2255f0a82f14f0226be943cff5962e07da1687425
0d9ae5e3931bad614efb90133faa8a9f60d961296b7248f6cfb16a34200957d1
f576102a90e6f3a3f637ed578d758e4b176550f1c610b5b786ed6364fd6df221

7f1cad40607b991c3cba6ccc82d67484a2ea287e5df34c8a4918340c049c77e3
3b98a0a5758decfb3ba040efe40d8dcf78454351d11c66ac4b9a3e16d93f991a
010a52fdd03756a1130a4e1dd3e0f3234bf4d48d673dd883501efb4c4ee82d05
b122ec0ded6d3cb46e9226def0d462b24fba802ae00414f38155e7fc19cc475e
004670fbef5efad3ca033bea94f7538d170f051d7121ee97e2d67bdf6cbb849
28b2efd76b194df0252961dcbd3aefeb27c04320c43f64d733afee004de82cc9
bb49566ddcddb3740c6efbeeb1443c0a446c517260c4ac6a46301b535515c9f1
766c3ab4350605ef9d3b1fa799e7a3f36d1021f4713255fd5344e60ca982330b
f2c5cf9297f39510417a50d70ec6f599e174c59b150f6c5a00900dd492cb1eee
ce627ddb6ec4859eb20f3a79243f92ed843c6ba49811e712d796c881eaaac8d5
5907cd86c77c7c3047bb67bb3f67cc99a17f397f4f2b726c80a6139181b15dc0

\oplus *bec72c7096bd573f474f0ac184a2ca2bc048700b6686acc0d6e4cd20453780a300ff2efd5cef4bdfbdd5e82744523f6f7c8365b34aa0ffdf5b973f3d774168fee55ee9a79612948995e40682fdb3e3c2a9cead514224ff82720568343aefffe9aad4e8f420b5890454eec2a87a1371505b149786187afb7e40004e209792ea8a2654bef7c3b3d7cfb50dca1cc2c2be778f4075e0ae135b109e16e8e867a7eb*

round number 87: *5addbb8f2566b1001a5f722b9901bc739ad82f8ae15263373553b1f257cfaa132a4f721e94a14f1e892133593772245f8500711523027b7835d01694d7b5d3ba4304900cece5d51f64b5f362a4cf290f9885ff07f974e9162ee01f1bfde4f4c74ed6b9d86b395bf3a939796933c14122aaa1de9136410ed21101f0b04e74557f0084b3ea376cb3953e813439f8cc72c19dc54e3f3f9934605ef67b850df6180618a3e41f950716882a7a20c8ca7360a43b92fe2c6ebfe6cc71c989567eaa52ba21e83705b1f7cb7803b3ff2a2cf7629970fd3a0394aab23796f23b80f1d9b92444897bd5e3ddfb7208dfec4034be67dd5c02b105c1b8ee78bee0e0676617e5a3ae16fcb1cdecffcafb8f04a94caf69df7a0285faf93855b0732e9e58a76102037934117a5acd62b517a110be4acd1aea081718c33a8eaf0b69e02a904372bc3aa8309857724a002f58b91b8c6fb8ca4ce70072eacddd2f4a6177388c873681ca2679f617ee4e888fa070b98600895b7c7307e8628bf9bc67adbc8ad502748f200c9cf525a45e82e01912909fee765bcbf8279f68ddb909263fbb3ace41a2d0b043fdb52a4fffc934b1dbd758fa3a98232f96f79699f8fc26ca75472ec8dee3dc450c057e0f93fecbe2fe7c279a0f7220789b414aaa51e9574fe10ce3190092c96c2fb229ad31ae0bf77afa2036912b5d98a4cc3b057d122b8e931fbb61fbbcd*

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For G' *3ae16fcb1cdecffcafb8f04a94caf69df7a0285faf93855b0732e9e58a76102037934117a5acd62b517a110be4acd1aea081718c33a8eaf0b69e02a904372bc3aa8309857724a002f58b91b8c6fb8ca4ce70072eacddd2f4a6177388c873681ca2679f617ee4e888fa070b98600895b7c7307e8628bf9bc67adbc8ad502748f200c9cf525a45e82e01912909fee765bcbf8279f68ddb909263fbb3ace41a2d0b043fdb52a4fffc934b1dbd758fa3a98232f96f79699f8fc26ca75472ec8dee3dc450c057e0f93fecbe2fe7c279a0f7220789b414aaa51e9574fe10ce3190092c96c2fb229ad31ae0bf77afa2036912b5d98a4cc3b057d122b8e931fbb61fbbcd*

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round number 88: *590865120a029524de461261cdceb2071d61b5dec57576ba5ca775a39b21532ec960101a65996a35b1391fd0144fbb9e28f394dbd9db444199fc2a91f810062eca7095d121e6767060c4888384b96e878c5046dde5b21b812249b0c3d4de30a5fc20d88e4a02489b487ad308aa75f7f61f5816a5a80359aeffeb638152b255a007f561a17e09423fed6a1e38bf21d7d1512c072e09f38666e1905280279d6a09a0af4dd346d48c9a2ae74b30842e37efe25d4629ad0c05704507afcd61c4fcb7b5afbabf0e8db04945175833fcea4d2d38f2502246b43e5e43d254b4e068fe38fec8ab2655bf7836e0c7a4ad9ce2758c09583d086bed14805b53f93f4165e4e28a099469b27d2ae29d9436a2d9321482251a9224815c964c9d32bcb4c090746ef43dea531f1fe0a1c6531e96498d8f17861aaa5016d67ceb4587cce9c81fef8f0cfb78b75ec91775ed9f5cf4fe84b6eb46640628cc61d2e96346f9e3613034a56443e437f2684570a43a636187021eba324598e84ae4c232f956e638b33f3a00e86eddf42381bf6db7d8627d93a6d67139c4da8d3807dfc3fd36c7c82df4d2a4c4edfaecdc0aa60d6bc40bfd0832c67fd0b74372ea0ab877cd02b69efc8f2bb75d4b73cc4e0ed8b5da13c2de867ff4f8da5addbed46871ecbcb4c2fc8da4f5b49dd8d6e6d6cc5dd754f75d924b0575d212b36389ef0985536c1881b3fa84c5*

\oplus

round number 89: *7733081de201072090b382463caf7a087375ac2bc86f0dcdb372723bcb392769cf5dc9234de6af9bde54e090618c06caaed2f274d74131dcfb855c2e0c49e97fdf2f6e2f6bc63925d3d0b0785323aab4a216ffa30625df619be47734b6ce9d02e873a81fbd30ada8bd77a53697827a16002badc3ee4d2ea4b89abe13d7b1459000f8bc66b3cf29ad9fd05d4ed129cdbae4b37be44b493fbd3292ae24c552fc9*

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61b40ff9d1038c8bfd24aed813a3a18ddc4dfed88bb982ec955267af9f8d03fc
 e6d5cf f21b61dfb9601e0af854316de369d083b00bbd27caeb3a89bbac33eb98
 f1ec1f75949d9f768e77f979a8bc7ffa059d4510530c79a80fcfd35ab751ba85
 For G' 48f79b6f045311446e9b085000879e53686df8c52dcebb0a2e1d0c1ced64a6ca
 30d010bfc31546acad97156b41bf496856ade922fcdcc49c88857a773490c438
 51b00b7b10c7cfc0378c9e2a78fb42139c3edb961809a305df f23b1fec94c111
 f99b32d124a418a7f0cd3ef3cc076b6820f6fb61a5ed4761954e678b49bbf f28
 \oplus 00275cfe65572e0d7a1dce9d4b1d0df55a74dbfc47aeaa92330426c3887f0bd1
 89ca9679ee68f486f7b35cf f0874eb1d10d5698d15d79cf36d73b70a6835ed81
 01f97abf153d1bddebbedf6819af4b630c05a9935fad3247fc4c40e129615427
 224433d991ee793c06d321963e6a8df6c55dd076f27b32de7ad0eb09e8aeba95

 round number 90: 3c83db893df5ba49ae8792d1bde6d3dd3e9b958cdb9e30005b58d98796bdf f d
 41d36be5dde67240c1e0d115bb61e176a0d1f f c6cd91f15aea326d7f499d6b1b
 273910edddbc2b3d2301f f d103574823f1ec4a3bdf7a3cf284cec8e75f0248df
 6b25f46f4e95ac05a0832ac1c4585b659f f fcc6de8ab42444678bb8a2aaedc77
 \oplus 00372846af73dc1bf0d63a6cd738970d6512f93f03347514bd2ede f036300c45
 487193c6371dd6843269304d7272ee1f7d312efc57929cb464da0acb252467c5
 84dbe21a7c901d0016fd84dc7829f f1c22ec1f4154b28acbd897f324b8150c63
 9c7c7e94f12fbe718c81dfa7e4fa65960bcd6210a6d094d3aeddd456ee f75dfdb
 For G' d0c79161043f491486c6cd4b9a93a6321923396a6011981d192adf651bad1bb9
 1a86c62d7db22a5a24499449cba275467880afe90b586fe5f6cd7d5ca529b950
 4971c405fad41ddc32634261540970903b720547a4914223be7bfec5f59536db
 df0108b54a619bf61e1f65f26de69ee5ab2b17579675bfe f9e8c82a11545bd48
 \oplus 00b5eb490af0ba0e012d6e35afce19b1282bf12583137b55e3412df71ca1f f8b
 7f95769f06d2667df673df07f04dbeac9dd47f74ba080bacdb38f33f048d8b9f
 04f f1e776f3f f1523ca859ece1c1c2717d6e1f255ad6873209809e764249c6b
 e3f22f91bf91ed3589532fe60b03d6fe6920343bbd889e8cd8aa5b5f420754a1

 round number 91: b4f3cf92866652be51a8bd6ade44d05b896cb3d8aa4514e6760777a08db3b809
 a2f823eafba4c4f389e158c9130f69dde0d13a9a036dee8ee867b46cb90cdea3
 e2f2f7a12c363d35fc7b0d7b7eb73fd300557a8bc8b6395c593bc3e71744bcf7
 598afbbfba12742c02f56620a23ef39432ae7d4e7bd697e8a5fee4c5db03ac3c
 \oplus 00c5cdb51413865831b0b479244e481bed34547ce801194c72b1537bc84ef6cc
 0c32ba45dd3642193ccf6252dd25a692b3a6b2d653559838d1463d2342f50f37
 bfb6399f5e604c1b3824e56f61ef5767fd6e2e41813a6015a3f f ccea f96a7cbf
 1f3a30d066e745d2f5502acc9e297845f8a63fcd051a9f92140dabd73f3e0804
 For G' 727a280ecf f31a87eba37e355dbf833108c84fe302e348fa6bf292070ce43265
 13b0b27b604c27d23a4b4e3befcbeae554d09db15064492df58e63a1a432cf4d
 8eda7295ebe2c911a9c7ff9a156cb72ca4e4b5f13c2a509ee3f72291b1aab03c
 f32724f5f076c3974c4a1466e5481bc20b236c2bfd21634626d9fe5742e9e9d0
 \oplus 000380977abd38ecd644c7eb1c1d8bccad1037f01baae16d0138e119084425a0
 f3e9b1719cc330d2220ea01265b362f5a34c47a81e2f7c3e4304550f75af f9b8
 d54a4567603672be14ec48314159529aa04ddaec53f ffe111b573704be4f355f
 4eeab65a203eddb613f9adb f6acde15890ba3d5c3247b09a447b22561b97010

round number 92:

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For G'

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round number 93:

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For G'

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round number 94:

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For G'

3602279275d4e660180913fa0a98406458e7a442440daa04b624db45fd4ec5ae
ca99af269286eab52e3a9bce2acf4f5377884c503876b63921894fbfb9d1945d
44ce3e7256712ec45fe8141f5868b4fd3b54ca498c5949fac40f0dee2ec04846
b0cb6fdc531fef7a54cec3c178bd1ca0842837ecc087ab1f34f12e43da438b4
00fd3251d7697e77c1f1b6b7fb87380fde4d42e4cd674c1afa2a86bed15ee0fe
c56150b791251f11d7a5fd56e85440a0b352ab54fca539eeee215dd9bd6a94b6
f8b80601dfcb3a66b458d7c1cbf2800fb87b97649d6ba0c5773a0f2073dc2d38
7e381cc7fc40cb590e2ce472a382215d5d7ccdbe84570d27c1f695129e1b93af
79a899b54e226b3de7b9de41a208fda5d878131949a9976aca731e04a017c5e0
59030afc8f17001845ee298a788810f79cda194e4b3513b68a36aed19d36f55b
9037f28bd4bbaabd2bb7ab5435e5b604a96f1d6fd5ae8ff8a015950fe58563bd
cd92afd0481e292d758ebd13e4c5d78228cf3e3e05184f829e4c72235099c072
009f63054c1a53c22f0ed528049df5dfa5db166a49db666936c6a7fdec38ddbe
58ee20f32051d368a9a7d56f53757d1840f956b3f89cec1eb4ccdbac5b343b4e
28f9a3d4eea7e776695c67153ee5e3d2ffde31cc66099c433f110be9e817889c
4c2d2e122e99f30fa7cdbe5c172bea7612f4aad9404a3c05c2f5b4190e3171c0

ff15c3a2bd9817d9f8a54df11f786b86aae6a6896ae61e4c0e5dfb2c1025500f
f8ff9103a3f5a4f99f6698c29b0ff3c4dae704c4d38fd7cfa8122244bb00ebb
76387389ba14a2ebb0c3de939a34f2832f5d2d1132e93fb33502ce5d1c657ece
f3731b097135aeab60084eb409f097553e4ec0485f779632b987f6a3bfab1b36
0030b508a669288327c4c2bfa58c7fdc61e4e86a5397d063ea04089215a7d64a
3ee9e37ed74533f19c73de16b04d5371eb7498bb0f7963e8a97f30587886df5c
e61a6c9c5c0ce838209596d902cf142e2f38ade956f20b32095d229b37d37b06
22e1466b51517be147318f188ff76088d4e06efe658eb1b2016a88f1c8498f3
37fab0023838ffc8b70b69a695087a77a305730072f103fcb5b9f94c2f185e01
ed2a0faf46d370ec49fce52bfd6defdc234fddb3a9ffa83efa746dc602ce15b8
ce515f3a1c48cb42ebcc410b0055d656b12ca3b3a713bb9f049ee60d92eb2181
bf81c26687da22d24303eff3ee3df43a3b54e7455273875cb9c63a5ea8b1b279
00f0a7f0a488f0316a15a8d532bb4f30c6f7b2a07d41c65a02e8a051388b16ed
9be2fd97da42b938d4e569dea1a22329687aacde8ed1f742e5cc1996449acc61
162c0163167476e1608f54bdce248e7c2bb3080e5b335bf2dba84188854e4721
6dc3c6ff2ee19482c44a891f563b31e288a9a765e66f350d3f05b09d7cbdbc2d

2576aa1bf13f5adf618f4ebaf4145acb024ee33971ce2fe459f3be05828645c6
16727d74b09708031546d42b42a0b531939c7fdc6b427016d121cc38634e090
221f15e6184ad39056484a98f6e6ad006580f8641b34813c5fecc62bb605c8d1
925d622064d54a2739c1ac8607f7ddeaaeae6a92f7d2999915e2ca32f83c5ff
00bd6db3aafda1a4776f11516b97adb04b82e6b7631ff8e5b77762dc4212d4f
fb94df649e96be8a68657ef3146c0c16bea1f32fcb568b24ae3c1eec6939ff19
34cb852e390a1ca4d104e2099c10680e8e130a6b58569c95e8762f3b32e9edbd
146c3021f65dd6b79dcd33b352089ed977d55b29a2c5541ad0cdeba4d554b9ea
0a17f29cb00ff9dd1ec173a7b3354765f2c1a00fb0c5a6b751591d179348ec76
c8f2389c91c9d49d198cf55ccfccf54b35516d272e5f7c1fb874504654d9d9d8

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7d5e590a3cbda38b4315b6ce71582a9a9fabbbdfc20e06ddf36a78517a566a0d2
420499a93bb650874966ecb806c5d8b3fd4020b41cb25186c38ac3d37a6e5437
00a4d9b26a97bb916235cda73af1b31afba6a4efed6979f8db846f4f531085e1
a7cbb42a8a13f7cfd7a9e8105fafaa80dd4ac9948baebfc4c5bd932e26717372
75877a040fbb73c99aa0f722ea5b1313f08aadec38135722dcf887e4242acc26
e3ba96a61e32d61e2237e12bd083b986f445fc3118ace76f9754c4325d5af959

round number 95:
cbc7a85bc240c526f9bfafe2ad201006f6cd5207ffd06a0284c82846a76889ed
e6a2102e01b6897d23aad856ccb9272d3d8cf33de2ac25c32e022fef0d1f8916
d490c82140cf34874ca89167f6c50eeb93f20f43621da9b79ae91084ec256c86
31520192889c90a40c9f3555ff4333d97bed808db87d834193c707fad77c1525
 \oplus
00568f43fe4feb26aeead307b73e46f45d405a7b13ad165cb30b2107182540aa
a63f315c77ffdf32bd65bf39443f626ecce82517e44bea72442ee9f9f2da7e797
2116f22bc7134ce93b406fd89bc2c61a6a0dd86541b3d003554bf5d2f82eb6c2
d204d8a0c1afc2698d4986117f370a30d7ec2c833e589d3eaf4e83388fffe92
For G'
b32b2eda98424c7cf4be0089c4f47f096704e05dacdf4f8add7258c05869976f
398cb61bda2352ce251d4c90635fcb81ba4b3a5f1c3db7dc9c36872a8aaaa08
d9230e3306d042d9b541ec9b0339896f21101018f33afdea5f02f3814c6cf4a1
be0f0f258486996b510d93d64661350905dc85041eb6e954de07e12734ad6e0a
 \oplus
00c60eb6e0e5980d2dfc0fe5edbb3a9ea4df33d589d5b1321598286121ca188e
3ec98b0386fae18aa0d600edeed5b92ebffadbc225c9cc82e4ce412802d1f2b1
24a50f4b33b868e85180f7f5f26365d19c99c0118f098a7d8c0100d31d87fc8f
f56e0e35927ab8c40ba7006b6ab19fccd9ce1df9cbbd8ce226d804c15bf98526

round number 96:
9127183c0f2e0057557ce51a1e56f2ab8d087cec7d7c5e37c30941bf4dc94740
9d21727649564f9ecf676f88864543f164d62a06e7cfb16a2cc07020b86e81f5
863a0a87dc786e77e8feb6d07c8f1f9ff7d72623ae79b4cfa2e556140bda44e3
56d932493352cd81d6b344807439e9ac01ac0e86251e7f3c8984c25883ebb7cb
 \oplus
0074bcd0dd59458ace5c78e0fa3f794cd0805704c666bd4ad02a0e09aafc4435
e75094d3b4342586fc953500ed2e942abe60eb56f8cf6e15deee2ed8b55f1c9b
cc30dd38b7b8b6919e7c9407779e21d373375da67f4e47e2fcc892d40da97297
a26c4fb35e25924a83f79a85c0e6ac599ee1f48fd3c3a7f6d664efe7c2d1bb75
For G'
ed206c78a7d471d9420f6c294f4597c3dbd388250afeb8c8ea70a179a38fe107
453d185cd9b34485cb4c7d8d8a72c6a45e6867d40a17ff2d0d295aaa7b58b9fd
86017835682a31e4c11b6ef15aecbebd89d0097c337797d303f35251eb082e4b
61011016fc21af5aaa93bd2cd0aac5dc1298fdd50b65b6f8dfe5e66f54eb2cb3
 \oplus
00d21d66e6a9af4d5b643be55e0e44569ab061113b16e43eda8a91662ce04033
225aa5926376c22bb71ad423f2d7eca549835d1a56eab82ba4da64a728f79880
d11f566434d1f5b9f86614e0286639769fdc5c414cb00be601fe40fe3d6ec24
2685fa337c4e8341ff638bf4281c742b81816490f1f5acab146697d674bd98db

round number 97:
53a4ecd27745dd9b209dfeae4698be75d882be8bb1ae37d13234fb6e73503757a
71e6a5fd626a1833f25a886b6bd7dbdab6c1501f00df7ff22e5ef80d319d6e4a
0ad7bf6bc0d8e676822b6a7056d02a8ce07b85d137f32d5e2dc4c006733674f4
b57dfa6d775fcb5544de05b4df45f59f4dfa09f6ddd8ca5fe02dbf413a0cbe91

\oplus 00d9ba55ba147da683b62e25fb5af1cf8ed06d361d649bfb5cc0c6267dd56db1
6ac11500e141e434a8512a4e6aa76cb085f93513db2322c5fad5c43de3fdb40d
57c8161ad660baa626f7722926a14b506a3069e738ae1b39e338896ac37341ff
For G' cbba323a1818296e7adbb4ef62316224a47d28609d12fdb6502babf4d69d8d46
f2711e417dde94196b57cc114bd3954163e93431e85cf630fa301f8f6fa13467
67bdcebac586ae7c56a9ae78a52a0117eb3ace5cf4d706a9f33e0d53af217d57
1e2e515cfbc45d397d7a11728a87cb160cfcb827bc976d63ecb65e08dec26f47
84ea25806f2c1b55f036d8f8b6b1f793199945fa901a53cb8371b92056b468ed
 \oplus 001e85b793d3d5f1a550c64b47af7a57a0e43ca3daed6c2ac1d346d20f0967ed
a4a0c42ed756da53da3659b2b8d5c0fdb809fb3960d7c8505b5fccade634ae18
a1c5d1c88440bc3bdb1e95089b81ed1deb7ec8a4bf6a9a248cfb2853fb363ae6
79a5d03583c4836ebe1aa8fffb9094636093e2672cac144efc379b20fb081265

round number 98: 7d5687cd51a03da32bd4c192d1169206fb858d0787e6e87f8f70c148d618cb1b
27b0fd832bfc075a0ba2250170b76a3338650cdbfc5d37d48b3c30d260da475d
1fa97116b85cd0a4dc1859707161dc8a4bec360f5d3667cefca496cb045350b7e
c7c8576f47e23b3e05b15bbd7497bbe987219640ca37e9b00614b5ec9133d753
 \oplus 00e83e6ecb2e9505626bf30b224979c098f8ddc895570659f79499040b56d9d4
25762d7c7398e7c46db433098e3e9aba26b6049ae21f6c7b3ca1e101210a171a
55f18a228f22fee94ba619c44d5d9087491cf3d9698f076b6e0284a85c53c00a
28e4db4e05d16be24fd864850073912e6a524bd3c769e31edf882568b371d5bf
For G' 6f9bf6ee0d41e8ce070a5a0c7cef16c30d089232b19a1a3be3595d60a8538ac3
1d0a9412d0742f8c9ff7ca1dfc1ea533335659d90cef9a861c1fe4915d34fbf
eb80947f84e102a664847a1106260be782708303fdf747604d765b25f455a1fd
4ff5b5ece8983b4e2c70070fb8b1a510a763885adb17247f462200adb7a88f2
 \oplus 005ae01debc9126905948e517f17febd3dcd1565c2839513eefef46564d89ebd
05a311372c0362dd9aa2e3395daf231e02067f5f35dff4b867524f1cc6284d5
5e8ef263ab3811897a1b7843ccd4bcc3ec67e428c8005f0a9b1a5f7f0ccd9898
84153ecabb1cdc72f1be2b3c2736e2b6e141363f12679924563bffaed7967037

round number 99: beb9a39a8ea8a649bf3299f35febcb6637d50cf12b1ee2678e4584cdd4e12cf02
c6d0ff5864e09e66161608fe89f0891ed308411e425bafb79dd1d341d050474a
58fb34377e2e4d97be40b43c3c4c0d02f0c5d634b960a5924be8181966cb74ef
2c8c21423350dc4a693f3874e42ac7ed73dd930d5e0aaed99c9084224202ec7d
 \oplus 009a87ed46fe299bca088fcbf1a25f20adf5ecf020f7d1f4ec9797406a6dd79e
96e0aebdce1564ecb38ba8d705fed99fa8182d1619922fa731f40cc51c05fa8f
3a866a5236c07f84d5da0ae18d6db4dc02653a0374901f784c4dad9356e40fea
1f24935ff2d3e7b7e03f970a4d946df27ef13f3e5e7b1a1eb3dd7210ee04a2f4
For G' c116f3e688faa7029ed45d03f8e87e30c5875773198f280da7a905cc8b147e18
a98525fc774d5105552924a26ec94d31331ac2a51106e3e7b4dab8d9b1cb6ab5
0e661c2fd9132f1e9f0252caf2b7246e17672b35f7186ad66c045af8983965cb
e08b265384e73cddce2c339f8747a64622be65c970bd5b1019ff036becf8c56f
 \oplus 00050e6fdb2039a87da3b0141f21199bf856a6731ee5e895fb323bc6780a15de
84c0c2c7b54205830f170699371481471da8fe03ea328d61de49187d80e8b6b4
6842d1bcbdd629aa796fffe914e542609c3e65a4c5efee1e4a122c1c8fef5746f9

afb3b17dfa fb57f9dc3cea936151ce0cdf abed06f91c3658d8ca69875d3a52ef

round number 100: *232477c8568fd2753a1638ae499943d0a523e29119f78c08cfdb9d247f189c50*
3051e5aaf5fa8aa59da0298c0e50817b106c085bc98010ac25df84cc55bdc562
7d5e6548ee32136b9abeddb121b9def2a0ec37cdf0baea07a5b58a302f7b0533
a8b21dc1833bfd8900af7ea9beaa1f0d2cac330071b4c72f4df632ac064e89be
 \oplus *0014f5d989693067d9be1cbe f2538577aa9d3bf0fd3b5b7af77908b4d24efea9*
4097843293ea5f80efb0967a7c4555c6dd26be59032658429bd7e466fe180b91
072cda2ea3cd1e6af6157c3ff68fc7fe991bf17dc5481b23cc848daa811ada92
6ca9f65684c2e42f61648c36ee011e0d1b9ac2b2c044c8914bd68e0f8e074399
For G' *13fd8953da9eaae377ed17e7c967ab3dd1f100076ac0985c9b3e0af31e6bc62d*
45e73bc20f54865a3e223b59ddcc762eb23ca6fb346e866a93a0a43123dc0166
24cd936471b5b909fddbde17f544f229028ff018f6749c7e284677776e23324f
38972e7e1c6b241210d90ce616684afd1588cf89a16d48c1356aecb1c29780c1
 \oplus *00943a39bec4d3e7066018cab7e12d2648e29c7f2752ee9209c1bc03a4c931c3*
1dd6248808bc5bf13be9443dc872b04c1880a54aadf87056504df32a39401a7b
fdcdfc38b2afd1b453ba84062ef0932feda0338162488251458420a8ff11a17
5f7fcdde4634ad38e944ac46464ef65e361e645aaa0f170712175a931ab36797

round number 101: *308211dfe6e212e3a82410bbcac6a70fbed961e4ccd77238a29590ad5662f970*
c661986610d5257210bff67215d4bdcd4ab602caa648eebe0860aaaba5cef37a
72bf664df0d016caba18ed736190c39f7c6b035f2f1246931079aae61dfa1c4
 \oplus *1beb9707f919a661cbf29f50ab01003736f1b2b1f00fbe0620bca38849ca2723*
00fac4f8bd961b770c56407818b75374a23df19661c3c2bd7ee04680913f3a64
17f2289898dead08fd9fda018fcd908923ee6d6d5e02ac7b21bbcba8220c0cb0
cfc90ce5ed501bea2f8f1d7191b78f99c98bfc713b2f1e4957a1dfbf774cbc
2946bcde1f8230d57540e998fbee69c8f8027586c9643e592033d7aaab132e11
For G' *69b36a645a7904718d0f2d7e86861b99139c784d9276ce92ffb6f0baa2f7ee58*
311f4a07e8ddab05cb7f6415bec662aabc03b19996f63cc3ed571b1a9c1b1dd9
006d5cc31a68bdae015a11dbb46106ef2fc399943c1e2f6dc257df91d2285867
e8e3a05a5f892af99da0a05026bca32396abd30b625fc6277db622d824e75613
 \oplus *0011bac8bfb6bcf9c2b426d5964568c06b18afcec8e2b4af7a45e9ed40769eaf*
0a8073fcf0e9def2bb5274b8bd5d30f84442c8e3fb59f6af5e89f0cac19ad3bc
2c6c86983dbdfe7552221e76facebf78f12eabf9ab9a9e10a9564ea8c710da5a
4795208624924ec71e86359a56c2fdd5128e02dc5a0614bdb09d80fbdedd26e2

round number 102: *78d5275b740994a47250c3d271f47b1ce49072ad14b085dc75d62dc75dc314d1*
93b0fe880b887aed202c739a192d4469586fa7f84a42c529db610387c2ffcabd
74f683a1d800d209597f002f0274c06b5e0ff2e143d58da47d87559ca8ed7832
ad2bd9e69b96b4beb276c850ef69f9cf3c737396b805f008f7422e2d9093230
 \oplus *00e38a6f3d7402ada387f480a9e595f9cf1f1488a000feb4285b6da482b883b0*
902fcab40e34c5e7e07b9b991721f47f0c4ef65747e8a624f37004e67769fdfa
8c6b9dfe675d00b5f676dcaa8b887e2f81f1ed22b4e29311f562423b8a01cfb0
b3a922a9e229e635fc0251e979938db245eb66d6a50d71df28bd726697cc18a
For G' *a2d0ace5cfb8884fbb0bab10c373597884d7835a947a3d85f31957e28170f73b*

\oplus
9f39fb183475f7702d10ad039b5252f841797a6dafca6cb3deebd05d81ce652c
01da5b27d543db53780fad4eafb997deed326d9784b17d6b0191391538823daf
7680dc7b1b643e832695ca707e5ef68425d1d73859d29acd2ba223fa3a70f169
005ef90bbe5f4054d74e53328d95aa04001e1fab4b5fcc3cc7bbec21bfce3744
f53e493bcd03afacecf9050bad4a2e6a1c534bd60b58b3fa526f0d8ae57ec29c
aa934090917d1399b52b16bfef80ba7fe12222f3a2dcc4bb05c2ee830e1d43fa9
4214657e7a75ffef00f343f73098368c5be41ee923f802978e5d35a950f69b4a0

round number 103:
36ad34497d9609d1d73752d811eee52b8f6625b4b07b685d8d4063df7b976103
9f343c05bcbf0ac057e8030e0cb016542151af0daa630d28110761b5963747f8
9d1e5fbf5dd2bcafb09dc8589fcbe44dfef1fc3f7371eb588e517a722ecb7821e
82fb4f79bf528b4e7499b996fa727cb62c51efce8d2edf7df5c4b075f3ba78
002bd47b5adbc23bdc3d7372b5995ac22b5ef9aaa35db83a83ef69848f93d2e3
3040c5352ed206228823b9241ce505ac6d4f9160a88f0a6e2265f271f46f9132
62d8c0948fc0f6ee888835a8f604819bd2f440c62893e0ccbd168d07b6fec92d
978d371fffd13a61724e05a2ce36f3b123900fb5ce8998fb3ea3566923de40c32
For G'
8e55ee71e7c81b6c45f8224ee6f37c84c99cf1df25f1b934a2bbcb33ebec07f6a
07b223f97658dcc1e9a80836187c925d2a31bba492df498c84ddd764b0a7b0ab
491bb7443ec8cacd24bbf147b23020ff1042ada97d36db5dbfd125d956020634
94b9056111c16329a1f50377dd9e419b9039aa6652b3b5ce71796f351945c9a2
 \oplus
00bb6c7b4c7344136e1598e93bf1c7296f801cd029296f434891470faf647481
4c6bb7d6eddb6b6bfdbff74cb847f6530078cfe5cf3d4b75b9060a5a619e95b
eafeeab36789ff0555174224d1e1089b8c6c5b829404c4a55b9ac78da932ee46
81e7ef4f4f2d8f824fd9bddbd1398a6c6c9b9018565d738c1d59dd53cde7b561

round number 104:
86e032274dcbea0b0a21aaa477bfef9a438dc1e1326d0670eaf0a5bf404b3e0aef
74f930926d0ce2dfcbba2a105513f84c1e3e6d02ec0746336293c46258d6cafff
c69f2bd2124a418154b0210abac5442ceb83311f8d554458012a255a494b3315
76786642412d595079e3ba191d47a41551149265b750ce15c0a2224817b64a36
 \oplus
001dfd808071cbb1dc16babdfdd3f1c8a0881819fdd696b12967cd2ddea01f1f
38d5da2197d9c826fbb2dcd9733aab10df63c75e0e9c3c7191b28d07fe973cd0
11dba36298c116bf4d44a020040b99b8d61d3e8c24cf32cd505fffb974eebd6f
68041eef8be941cd5504ce00e7c867c52141695ecc98c0d9442ad9b592113eea
For G'
ee820aabb5f7f2bedbaa7dd02bbada61ced0f0cd8d677ea2a843111a40beb4b
d9942f9b83b7aa1417f742d3f8ed381a36375ace2c9d3bdf4db7c116be59f0a3
e55df7594135c871acb36363d128649c2ef62be9321ff8e44be254ff30e87215
5eea2e5eececabee2cbeac0ca7cbf7fca23a7e04eec6426c20b266d4a27cc38e
 \oplus
000d779fea7c54934dc6f3405888f44affcd1d34c87a3c334db64ca00bf1b23
b178ed404f797376325287e9ed06e47a5e40e3134945982bfff872045bc645cf
4a42691de9ec858642f69b3e3a639f72ab5415930f3150371f1a4057456fdcd9
bc5ff46701ee302bba49eec4470b2c2022ecbc8b0cab4477ac6c73033e18a1e7

round number 105:
fdcfa7cdba21bad63710198a6c186c9854060adb06f1bf866d96d9da13fffb04c
2ceab3fad52af93008f6c92629535cc15daa5ce29b7a42f3214965a641f62fd7
4488b08a8b573ea0646b08ba85fdb766e2e2f74f19b774d42fdae33da58e7a1e

\oplus 7c78adcac4189d2ce77419fa8fc3d07055fb3b7bc80ecc8488fbfd85a774dc86
002c8ceb9b36e5b0794478fcd7fe4bf131a0a3ba4ddf3c45168ac1919683e8e8
adacee81851159dbcfe002fc741b53a1bd6feafdc5074800ed9958aa3a4334f6
c7fb61f0e385939fec219c6fc8b1ac7885ad088325b776f579ae580904bf068
9b670cf19a3e151847471bb9138aca5048b9dc8ba3ef88d70e2f5a8e9da02bd8
For G' 8f7d3451232bb8a07c549d5a3359ece311dedf9451d4291e5f55dba4b4f06868
ecc2dbccced96225a5c53a15ebdc606877b9dd65d8a3f4b24fb312e59fb56caf
1f9e44a8d94df7ee45f85deb4bfbee85a23e7a3d2ea8d354f814a87587aecce2
b5da39ed029bc596f742c8e0c0dbdc80d6c28fe26d061b8cde15d79c646269ee
 \oplus 006f84ff8121002c5c7f617d073adbff15f2b5a183e1e962b1199eb4eeccce71e7
8787053bb5ce69691a1a66ffd2ae473bc8f4936cae0f60ef211d01262af6335e
b60c3eb5c85c49f62ae2804499580354ee41f9a79ef78d23fd7224ce830f2136
f9f70afd56dbf625378149a15d591d199918095c6f0975e4a7fffb2b18c2e878

round number 106: e32b2621175f664e546176bbe6276965a6a9614b2e83c37b1c184b857c58a481
465d7b503ba0ebc716cbda5d480f60e0c5b61f5e7d0af3ccd03d0c7bb51b2183
73d17a68d2ad3f8ba9117c7976ada16ab827c72bec03bb784006bd35c58a76e7
1fa13b5e268834a03302439c491a201d42e7f06be1445386d4a70b3ad4f75efd
 \oplus 00224cc83f49e7f7f5ad3e53dc3e66b678cfffdbcd4478a3186241bad600be2
ede9acc2e75c3f3e64c63f267b66eaa87ce44edda6f85787f1eefffdcbdc4d89
b44f59aa1954ec5585613629a6894aa1b748b014620904158ee62fdb86614c6f
1dcb32e516f0f006a84c3644a183ff2c32a12278f0817b215cca7919f0e2dd2
For G' 12b0aea20ab88c202bfc27346337124ef5858c6fcabf354ecc30ea583e198f6b
45def77b170b4cbfd5cea39722753bf4d4e0976ac945d6eae13c3b5435ff1a9
927a1d1111be186f1addaf2a3edd14c7f839ab05f5e7705668cbb04a1edd44c
2d3310544033b3c0c381419d82c1994fda86be020f6e6879ea2cb77ca081968f
 \oplus 009e9f9b1839f59da23dfa404b1094a7729dc4283175e1388dea1841c62e891a
bb76fef3a4351ad74f158f68753ff3b678cb0864801d837845efbfbba1d3dc28
2c1b6aa70d04640a7a9291e547094a93a77fe27bcea225f89da0d6fddca23da6
72c8956b78abf441cb7a78d6fb9dde02cc9507827d7497fdd606fe4aa7550b3d

round number 107: 096ae9281681b9a1cc48e83a190fd3de669e90e32784f12d9e6f9ed138af63ab
b4d792dcfcd4f9720de57b33698a48b9525183dbf2a44b21d3f3867ec76c0ac7
9e23c2cbf9d3de2c704a50d024ebcb0f6f773f8e0abf6dcee092ee43eb3a8802
6a887077e73ba0598680f803021fef81cde24c6e4c4434c16bacab4bf9732fe3
 \oplus 00fb5eeca3c3d7bf9d533fcced38024909fc9f322d890efd9c0f38a3afb9c00
22df61e446cc512695fa12971dd25b28f8c438c358cfa9ec52ac9fc878adf38f
327d3b4b9a69d163ce8f135a4a046d137c062694d792a9f35e67aa41047e7e55
53b177c586aa160c2ed0700736c7989260cf7bd452fa57cc1dcf7b444cdc3bae
For G' 2e3139128179bd89c1dd74282786e987184847fbcad47641daf219f8370671fe
a80988b33e5668904965510718a009358501122c89de16ebf7c0fe28c2d81be
6177b61cba7c65604f3e37e4e49bdf8f8c78cb91fc52fdffb2c6df97d4fe9ea5f
fb853f3898478108fb394b795c474d1613b980721af843c2a493607d49db212
 \oplus 00438af07ce9cfa53b498edfbb5c6b679afff759e24c9bc89b30476cd303cda0
c5b0328e174b0a400e35d6dcc5ec6498145a0d2cd14d2db71afffd77f857e394

7c4e7a4da9ea98c4173f78d77e3ed5ac67aca41a340c2a5d8c23afae84475ced
d6b9df558802b322c1bccad2b8451db37d1e573e470fb1e0ddab1c011339a675

round number 108: 91b7c4b5426e1e759ddbc6d7dc53faf6015910055c61c247af6d5b0254ffab96
08f338ba18a854981f69a474581391aa95bb18aa6be2cd815f19b6bfc1f948ac
5ef98063ba0f4fbec5438a6eeafa61c1371191add2dc43dbef54402ef44f65739
3907b26191b655a850880434d87713ad2d37ba1ebe630d7663d00fb5af144d09
⊕ 0051a47fc1e72a039e26d43ed3f9f000d75ab8576c2ed0b9f360c552169f07c2
b58291f3527b0a548a729a65d391ed47913078a8d7a2de18e845875eb35f7529
fca45264ee1399d0bd788d42f8b95acedfbeb21fb467b76fcbf60a61b8708b16
9d7b1b5f773fbcd473d2d57e7e47e2fdffc487f550e25712aa372605e5d86608a
For G' 72b3e2fd90722cf94faf79cda82e082b7b0a22898ed8941c25e94e405bc5e6d
b9ba3d291d62d0475087dbdd4c6dad915b1f0058933b5ce683f295747a622a1d
39cc511396fda458014f339aa50a749bd46f8bc85ed7a6a04e56d3cbaeb6b22d
3ce06d1045322a3a858154e40250a56ea7d74c5df035dcf7e22a06c7a414672e
⊕ 00c651475aeffa0a7b2d21910273dcafa33445dcd1c24daca612612d1125b4e
a7fce231b45e8fde7f87d4ff65e25cda95a0166c0791efb802ff950f8c1d0b1b
6b97541d7c2f83a7ab0c4155aeb7384ccf0536e9c16f5760d4b960d3f9d8402e
c9b3e3f7e1fac1fffbcd329bbe8fd626db5724c3d4da07689b1c8f4fc61041c5

round number 109: e660ca8389347603fd12e90faa0af6d603a852304f12fe5c0d9e504260ac54bd
71a9494ad35ecc951b3e118b827ced048b6002bc401399b75c31e172a63d85a2
5dd207541cd66e783b072c171f46ddaea7a8c299a38ad13eb2088efc86dc2fa4
7ca93ee689e97c235ad14aa630f150d17fc54bb0467c5cc0a26feb2922d8391
⊕ 008bb0ba409b696eefdd75191a9300f13cf851e0b7a241471da70c93de858f62
b67240673e5dadde832acabedd8bd5802e5f330b152d4ef354c1f08c4e30e41d
cfe21cf0f412a863fff2d1b7305fce1d0f13269031ceb092a683a9c2fa8b530
0da562ec736bab2f902da2d763bd9b34ff1a4f9e1f111b5babfd85562149aea
For G' 75b3baca9dd35a33482585caa5dd484d83e67555f1ad9b083fb2f6d4ae05231e
46df18a93c5f992f000f22298ff14bcebf163494aab35e810d007bf67f210652
5b050eead227f9aa4372cf0bbd4cd71b6abd219fb8f1c09aefb318576ef203f5
538ee7a4c8ebc57e4c667fbcdff73487c80689e24efdb9f79368988620426eb72
⊕ 001412e38f45b224f85d417db48669ff58cdac3be626b608b51fe01ddad85ba4
c70a8e24a5dedf53e7f0e1e67db687359b6e766ea8991fffb975eb361f351672
b371beef8fe01210edb7365137871b78d0483f1b69b034b2e31255796a216a3
e955ee2aa7ff4fd20188fd3415fd0df6b8c2db297a2dbe9f59d64713295b4961

round number 110: eb7a39c9af1f6d12cf9c16b099f6273f5003d0f8b0bf1b10395cd1be29dbdfc7
db092ded03614b9814db355ff73884a53f31b7553ed74408f011fee80d61bf92
301bab139744fe04f8010c6c43214f7759f0f0a0963a379860b460a9749a9471
0c5c0afa82d70ccafce871534ccbe580df042e596d479b099213a7f039197be6
⊕ 009cdfba772cbe6aaeb97e7af3850c78d4af20279c0ee90171875770e08b8a84
3df568ee66b47750eb60d35ceaa3c2e3c88bfade6c8fe5c1554f514a8229aeb
495c0fc52326fe7fd9e193afc7c10c5e92f2def51b357500bcb2f95985719716
09d43a5bac18dc3722fc2852e7a7dfcd5e6b455398c094e33be762061e09657b

For G'

\oplus

round number 111:

\oplus

For G'

\oplus

round number 112:

\oplus

For G'

\oplus

round number 113:

$a7a8291296e817b078c4b7115b21b2db2bd96e178b2d008aad16c974dd78ba81$
 $d5968d9981467ce7ffc3cf247ccfb247842fa022a417eb47590c060141020e8$
 $74b0052ad9fe8b4da9bc6eae34a6ace7b9a26e0e6ac3d1c1823d00f8501556ba$
 $db098e6f148aac4dee8288ca8e458a38aa450d95f621e66f5fcf712d7da21375$
 $0080e507b612f826b3ffb7911061f3e2451b6d06c43c7b559ed1a8b15c2eb068$
 $d139ce7edddfbf2c912dd6a474def9a82350c794d243e4157cf2fbf4486ebc9f$
 $578bdd96be40d55787a9996493c1c86934858697b8e959795588aa1916f11148$
 $5bd9f9056b72779e94c777c2846c74d756df96f1573ebd18d30eca74a8aeae1e$

$e6e673d833d378612568ca6a732b4784acf0df2cb1f21148db86cec9505543e6$
 $fc450365d53cc8fbbbe6031d9b4646f7ba38f8d81fba54e5450bfca543257979$
 $47a4d6b462007b21e09fc384e04329cb022e558d0f4298dc0699f0f1eb036705$
 $8830a12ecfd0fdde145901ab6c3a4d816f6b0af5870feaa9f4c5f627101e9deb$
 $003e52e418404b50abad11e9150b2b6207691a25e33f23f7aefdf056c65cc6d$
 $153f53fd3de822b01b4bf64a682ee06ad9a7e3013316fc6b8d133d400940692c$
 $07c2ce8d4f0de83312b3c7624d4bfc4db22ec6644704ce377dafc6cae9499536$
 $8136fe34afec2eb4ca58ab99a74e75e6ebfffe88ae569c8b5c4fdcc3cdead0c3$
 $28cc1520faef96cb3b00804b4041396ec203114f117bdf33c761c581560ae904$
 $af43e75c99c3cb6eee19563312028c5b123d96f8029aa109623b945c7e9c7723$
 $3bd8bc67be5e1a2e15f7caa767648e8d27e899d22a88b8d7b5aae146e447f280$
 $d0776a7ff8dbd37a45ff080a29feefc9a9b64a11f5b778cc1bb59d50cbd6ba7$
 $00c58e6701cbb88f9e823d95d36d1822b8fec175f015cd824794a80a85f4588d$
 $cd03d410618908f91bc12dbba2d8287c54706c5a2866472bb88e8ad46b506ffd$
 $24e576a0bc235496b8d12885f541502145938b6555ee9157677d1cc1f3dcf048$
 $a50214129d9cc9cfe1fe0b315e062d0b4ba4d4b1a6f6327f69f5a78e969a33e5$

$d8213c2b9333318ec5db8366206ce6ab99c50952cd32bf757911cc3c308f8be9$
 $7a5098e8d4ea4fa0adf557f368a69d639f1bd92caca88ec818c1e54a65105540$
 $6618392d0d9312f22c04e6ad08d586b00093e9484656eb7b36363b024af23309$
 $065f1a603cd36ade01aa32cb7438678494f47d29597622a88a2ae4ddf44d28e6$
 $0096029f094a8edc825f35d4bf70f8cce47650912a011763792af68dff7a575d$
 $2b58a2a67e194027f1836a451753442271225175bad916a4e937dd5657a84c3f$
 $5c9375309cd2f8ed374d6e68d8958ed22e8c513aea28cbdf3183b1a29b793b8f$
 $06ef3a7f6ab5e7a5e16b9a061952b8f38826d492fef073a1bd55aaf8e5f527f$
 $099b47fb242e44a582bdde932c214c7afdd03ae16e12b180f56d8bd3feb18962$
 $40334cf84ac397f5d87b88b0daa427464dfaa22afce622dab51e8815cc18de1f$
 $3dcac7027d4eb8ad26e2229225deac627b12b77f662980d2d7fd87179b02c875$
 $757e6d65471ab5a401033b77f8c2f7d13fb010b9ad45f3a84efe5b9a27584228$
 $001fd6e3e28db1d5fbd7ed5fbe087e7bbc1e87fda25d7a89d2bee5f7d1cfa340$
 $c6c0d8e3fb1fbb30d90e4c66d2ab0577fa9beb9acc95b059cafea7bfd1361a97$
 $a7860170b502c4ed7fc265af657d70f59647b57e07e225ba02aea3228b755ce2$
 $6bf94757bf42a71aa67df22af2d814ecee0a682c0d18b79d53f546bf9cb33ef$

$b73eb49a79bf524784b6b29f1c1e677db359c3e733a816003b3ab1cfff5dcb451$
 $083a4eaa30f875c763db67ff5d941ee3988591671986cf1f6381c32b8197f3a$

\oplus

8b4c1d9141ea1f1b4988c5d04008622e1fb872ac7e20a407b58aa0d18b088600
b0201f56668d7be0c1a8cd6d6adf771cd2a9bba78b259291ffbe727a127a99d8
004f3cf11b7e7b7b0ae8e02e3e1d92947d18ec624b4440662bf8afdf407fd9be
97bebb7f259cb40bed79f4f335bb638b545d7b1ebed211ff17a022855a1aec1c
73d0f9e2008acb6835c1be0a37ea7b9c85890a2f5cef80ed884043300a9cafd6
d3367433e87dce9ebb9b8a5b3e8a16544f43c0eb810f6bb9f86b9c6de6585f19
For G' *849118c6a3f570796a33cc9229320141cebd1ccc4fcb0927d36e242f7e2a2286*
f3941bb1dc2cc50175c4d6080f2231b76149b0307392837fe02faa1d2ec4889a
4cc672c84c7c405920473d40a3dc97ed55020161cba568d5532435107794971e
85f9103cee9fd5ab64e45557ef769ff150b63b6d9478d19bc10ff1de9371c709
 \oplus *00faa387e0c1cfcc1d1ddf96ad4b5b6cc9897d8491ba8061b93f83ee2b7b711b*
73d6fabff05c564c0adc9e8deb5d44ddc2814089a6641ed9adcac0f204aefea
e21b38fd36f172f72f644fb4336dd3f7d0bcfffe80873c2aa8a5203c996d798bf
bdcc529337fbb073761c4279fe2c9073d39e04f727d931130f41c7ade239da57

round number 114: *71886b62c1293c8e5e52b12203f5e9ce412f8578ec566610c21e10b5a36def9f*
84f5d5d69333579b44428cc06222656dd52208cf4a7d0ee1983eb7e2039326f8
9ce4734160d4737c497bda77e219b29a31788322cf24ea3dcae3e1819429d663
166b658ef0b57e7a334736545561489dea7b4c0a2af92807d5ee17f422c6c1b7
 \oplus *005a75bb8cf77615c8399a506b0db35c33527f2b97a866810cb794985ebf0713*
a628037ed5428d24d6a86af985687c8cc82dac0ed91fadfd0d06cf3ea1dec267
8e69d3e692e3f9ecab5fca9cc26fe1138985fbbc3569bf64b2deda60227cd4a3
f8df9bd92799c50e6754856c46625b908d2aa6ab48b10fab03e6fab4907f7b0d
For G' *6bbb414334bf5772e130484795a2d07346148de7189466a51a7c15551539d80*
42e10e2c70934d7f184885e47f756aa3c8f0b9d5f69da64de56aef2a6a7630ae
dd4a357a8d32ae0f2372f490b1441a85befe89c3d6aa7fd97636d9e1430fa138
3542afd96465d812f8172e115a0f8283283f9ab3a1e088ce4c367371481d5e84
 \oplus *007afdf479a198953340375ec3caa6d6a20a0439cb8dfdf1a4209ea17320fffc*
ddfdcdc8593697ec0a772ec60e43292d1aadd42b7e18aceea0bd6224f8ea9e69b
087952b0fea88d3fb840672260af72a45693d69dec9bc1bb5aa58b2c92280211
f2c7f495c13696ac4a6613dcd91dfead042a8fc8e00c10c32920dfcd6f477185

round number 115: *d21ed94dde4a9b966b2b7268f85a92727dfa537bfe0091cea9842dfdd2e88c22*
ddd6a84671dabf92eae639e74a19e11d0fa4c19362a31c953878dca24de49f12
8da0a7f2378a90e22410eb20765389b8fd789efa4d5559783d3be1b65502c0ee
b4fe57d72cbb745413b3381303130d6751eaa1624827acd608ed40b2b9baba71
 \oplus *00f94b89c0b20bcffaf798ce1a94965ec7f1b9e4287abe0264dd892db905180a*
349a2083fffe2ef2ac08fcfa47a1ee7c4cf5e065bcf8350c24971fa218c4c817
06cdf6875d7f0b0a656be1948d85fa2bbc5f4bcbb1ecf461521c911d27c25bbb
344a8ad7598eb7c2afe01f659b87e5235eda25381ef446fd78a8e89ce2fd5702
For G' *c1bcb74d1e2de21d5333daba908bd1966b4ce7ba04bb9bf5875ff42273627c9f*
1dd2a9e3fa33bfbf3a69849b47f872622dfb62171768a7eebccd65e4dfd635d5
3367ca739a23309b3293b2d1eb6821e86d5f5e3a31be622c9352cdd127a329c7
855b4ca5534ebeb2713dcd83127c2e2c15157b41ec980d6716acbc275a2f016b
 \oplus *00f46da06b95593a3715231cf83a437956d61cc7a83002ebdcb2ff0fcc5bd5e*

$2b9aef44e0f50c0c79f645d357a58516840581c281fe027f089d6bb2e1015c70$
 $c8dccbbc9a7dace599edd1096d934bbad841cba306d063652e22fb1400e5db07$
 $c45135feac8e19441c66927594712f45e2d7a1244fc15e668e89c4e84b0339a6$

round number 116: $e792c41ef8905991dceaa6e2ce042cba0bea9fd67a2fcccd59a4d06bed9428e9$
 $4c88c58e24916046eec51d0db80f61435121f6de5b29991cefc300552057058b$
 $6d51756af59be8417b0ab4fbd673934127d531fcb9ad196f2770ab72c09b5580$
 $b4dd007535c396bc5327769894e8440f30845a56d3ea2b7045a82e5b47ed73d2$
 \oplus $002136dc38471b10df81ce7002fa5eb3fde0f7e39fcedbb4fea67dacdc4102d1$
 $7fccf059eaf6ab5925a953b439dac1dcd7aa5ef21a85627e755bb4e5421f67a$
 $8c6bb5b067ae3f29740f7dc8d5a15e4ac21598198c8aa40300f1e6c3f4bc8f45$
 $97f64533129f134ffe9f9bfe90f829080f6e05bdfd8c159372946fa9fc8ecc9e$
 For G' $48daed75b8bb276426f9a66f0875a1fe2186767e389bdb3a94dbd28fa7c1c136$
 $4846a71ac6b3b3439fc148105df774a9fee3d59696a591b4500e563ed769a5fb$
 $bb01cf005e9c7eab7e63d886fb6a52b51e9599376e0149bd7036c52746f2c041$
 $0a795bffc0a7f66d5b5ff6860d0169f7c2da65a3595301982578cf112c38cdc1$
 \oplus $0030723e16407afdfec61ac86ce6625381ba405acc14babdc56eaa8899b56f7d$
 $f6107a1bf6256977a45da22a06a09d9ffe1105029c5c896c028fffb94dd08e803$
 $7cbb746def131c1c93b6524340fcbf40d1ad8d7f2390f545e532d5754fea5c66$
 $8ed76f446614528c6fe8cce4d883caf6c10cd91c888a2160043c3ef5f44a4a6c$

round number 117: $b3f2c2c0d74281036b6892ccfe7209f60a6835e5e11779a702adc731d52a3833$
 $4435d7ce6b0af37c9f8836fb92cd5e9c5b53317a81cf3b0896bb1b7476f3f1e1$
 $3ac0da9235d7680f05c93303d2cd0be5c0a9e53527bd6c27814db13427dac523$
 $2b4546275c85f3adb8ed6604106d073fea5fe90c663ee3373c41f2bb63bf4ce7$
 \oplus $00bab0fddf9348988e6dda66cb2c5a6e9d534042721e5fdf0ac889eb3113bff$
 $e8dcc0dc81937d7ed0563aec4bf1e292cab71a42c550a2ced493c62245caafe6$
 $a5f30c52c68e778d335619672a8ecf72b98fa6d68f2bbac1c0a2678b4107c202$
 $011ec3f498078d96bf93b113ca4831feac3d6e8fda9a3710af3a6ddf99f7171$
 For G' $ea9f4baefb5d99d83fbca76493c3ada03c3624f48f618751b578073e74ae4bbe$
 $56dd013096da343b9cea3a5b57e93600f2d0940af918d85281adaa0a614df8c7$
 $babb6db18f62b7edd58ac5bb96edf5cf3814484d91bcf89504105209189c2784$
 $ae34bba6b3a4e134b73a62d582a30103d6bcbfd1d920f82144f1e4d87287ad48$
 \oplus $004f0f82fe860cfff2ce292392873d6025ca92721f88ca9a2e137181e7b2e3158$
 $ac0e05e5797bc52fbc1cc973fab36eff9c093e30ad4eee78784605f0c2f62d1c$
 $2446f06b2d77a7b93a56aced6c88e8517e17db5a1eb676a055c092310d75e8d5$
 $5766ec314b37bef05e827b2d8cbe279d662f650cfaddc8661a7908e27cbd601f$

round number 118: $48723d08d1c99be505483a92c0cc50e3bd01e1c6369c5af2014faf663b03ccac$
 $e91712ea998e024fde0c17d93cbc0e91e42b38449f99c64228dd5633395e079f$
 $33d6c0f3591f82369f2a64f843c497792643e3a896d6e641efd6bf66dd07212a$
 $5b85d3c4827e3b077ed717da2536c146628783bca4d427937b9f64aa203d96b3$
 \oplus $00e9b6135af5f558df6a6e0756497abadd3fa70bb879b197afccce208262bd97$
 $bc11d7fb901df9861161c618e60de58df6d8fc0f2e9fbb43eee5df290dcbd5ae$
 $dc269830a2bdca0d4c558729bc3b587305fcabc68e88121221daf831fd6a75f0$

For G'

\oplus

round number 119:

\oplus

For G'

\oplus

round number 120:

\oplus

For G'

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round number 121:

55ee78c00342743b05ae954aeda6be44f7d9ca129547ac88dd89e65c7eeff800
d0442c05db9527135e355dbbb07ba2609f03d577ed2ef3544f1f200f807ae6fa
d304d5efa1f11422f6f328ad5a58ff6ed9aa3a5456362af9ebaf9aa3bbd5db9e
fd9ddaa2151054efdc6956fa651d9e460393178f0a8e3551d0c03815e9cf51f9
525797f8935fc4e9b819f80e1d269eb093dadd23fd30475e88ec3a0e3acd57ea
00df1e753aaf838e1220cc34729338ddb38a01b032cf2268296da2ad5c9d1dd3
88f6592d5c19e55d90cd2f1ea3a8748b1c48ff989cd3301933057914e5b6f0d8
19db1b9e7f216bd32bab9679e22ecf7c2ac52298f295a6339b29ff4523f31bb
41efd5b1c6e330ff148cef1dc3d2dfb2bc89d30dd710c52d1f4669abe81e25f

9b8b1b8b3c6ebddaa2549596852a5f603e46cd8ee5eb65ae836146b961713b55
06c5110993fbc9cf6dd1c1dab1eb1c12f3c44bb1067d01c638891a3495d231ef
f058c3fba2483bd37fe3d1ffffcf0a23bf486e185ef453ce0c4757206d54da0e
6bab04813c4f3c7b798290c8907f02955e49ae31938b1ba61682f65ed26eb348
00a5d66e7cb275a8da7b07c69b6d899ebb88dad94e016c707509207e2698e1e9
9363ebe25580aaad19b78f53fea5ad2061d1c3aad7cd70822fca7ef3d0facbef
56d4f5a481d6c4684bfaf13c63c8d87ec6cf5e5196d232d2dda4376eb1b9924c
cd8161768d62ae6ebf9aefbd290a1b4075006d958b86ccb1336ec3550c7a4c9e
9b3270e13aa49d4c15918fc2e89abd2c89d4c7dfe1d13c667282a2dce7fb295b
f28cc2fde8f17f663e07b3f9f08be5c5e2c5cccae51ae0d8aa83b75e632b46e4
46c13c6a313f3cf7c2ef9dfb3f72b1c13f45a685a76f32e972a7e1bbf0604213
b8424955bcf416ac9517bfc11bb34bb812401320414b0c59185c94844cb5b5d0
00e410850a5f1d2e1f84ac660c07681f03f3d9e004908b181b19c0a63bfee928
238a260fe417166963e10064466c7e5d340496c4409ab8d478330c3e9be7c033
9d2d7a92a5d9d657d639b9d1569b755d795d860e995a0cf17e7956459bb78a5
67737135a715744dcbf1ccbcd78047720f2946c514ff6bf60b7b2d4a1127c6ed

2ecde540dcc872782f92501e47d6fe85ce1757abea09def66866c747e9dabc95
a6faebc67b636274664e894f4eb1329215881bd1b07144174364c74528fa00a6
8c365f239effbb341920c39c07d25d79873049c826611cd1e3604edced4842a6
2a65f7b12d9215c6187f75b97519d52b49c3a4180dd71725ec350bde14fffd69b
008b3600e565b7a70819f010fe23cfbb9af7857a04249130dd59162e7b7d837e
f0badbdb9442490c3fec3e69d35ffc2a2455e783e45538fa4e35f0c68fd16bda
656e09ed6e3b2076d9add0fec0a1385c86ebcdb705905769f41b790292a9c24c
17b7d744fed508988c19201314e6ff99e096f34d6e3bd642024bf1fd99fc2e55
d6606430fb80620a1523a4e49dd5338a271e3fe541b77e699b627adc05c073d1
06e4f20ce6690f5de6b39db6e79b98d6c15a0ea580580cd2b0bb60f8cc86d7db
ec46f894e6eaa014d6242a69e9c49c4618208b3e353ee6654074dfa9db3ab6df
3138601be162e15ee6737dcc330cca1d6955e555b467af1327b9ce5d92733d9b
00f1a6f9c4b4cf6490a10b77d7ca476be8ff8b21b2bdbc59fcafb6d3eec18223
bcc804d4f8a87ffae05d03eeb3abc7e9cbc946a6b8fcb1b2d9cb787b476f7f590
7448d8c47d809548fbe724510e838af2a4396ae95d0d649b8495f2a0c2a9f589
9d98a34bd423147ed8155ec0c15dddfbf9354d3deee3254ccc58091fa1ca009

46d34039adc5df278ba00eb9f5313e54e0d2d1ee2d4fc6b53fd16992a73feb56

\oplus 40301def212b7859a2b7269deecce831ddfc5254247ced0d513783a72b6b7ce9
 5856cef0c49b42c08d1362c773652501db847f23f14bb8177b37de7fe180ea3d
 d220f5d3471d5e946655aa61ff2ab2a955575563ecc167ee7efa238d03f8ce2e
 00295e5a2f207df fe1ac1b3ff0735e683fd56cee7ef55429e9f6735a07978bb4
 784df6f96e32703fc2a54552f706e6aa55df291f174c40cbeeb9c739168dbf02
 335af32213491aa2d4cd071e53078458cb0724e572cd572f97eb5d741d4a86ff
 9b38ad3089d676789dc9daf0c807a71c043d296b552800b9453038ed5091fc51
 For G' 91c2c93f34ad6e8582af934a1f74e1cfe1b4cf30aa23067cdcc0feb01f1f2ba
 2cf6d81ec170a706ee9e5854305f3f0a93480338a417ff2c0ce74cba71224b98
 0e20509b6a355c2dc30e38e74716b4bc19e1d7683382fec4e12d0919934356ac
 \oplus a0c3503541f5203e66230cf25117e692c6b1866a899d47eb7c4ecc686f9d92d6
 00fed0fc7daa8bd0dc1577c5fafbcd0115b7aab4d5582afc8b9217de3d3ac68
 b2578c90f211c9055354f00540ae1390cb432f68c9a0107dd62e07afa2b15fab
 68c85fd008fcfac5d67dbed0fb2609fa33eee6cdd53153dddfea29fb7ef435c2
 56210cd6f4b83bd3e36ccd9e74809dc17cb7ac842c4a075dc875a1a3059d360d

round number 122: fa1e6382e5a2d86a0c15860542603cdf07bd0053ba929cd6271ac8a0a860e238
 7deb164f190866601263cf19c85e9b88237b4b3330adc6bf8e449e3de6c3eb6b
 0c3dd2d7d2586259de65d92062a15910835bc68386ef38ecd830bfcca6cc249
 1858e3cecb28ecfb9c7091372d15b5516a7c08b9e967573bca1b605369327f46
 \oplus 00c627319c8f17771fdba1128e486c31478e04fc3a889ad962bf32c9f662e828
 61d42da8de62d9a030aa395100fd9bb079755d5d1df259a4b5aae7dc21b6bb5d
 bd0a730d64b015c54213f1c066a27fe9290029a0517df f6e71357ad66c052827
 473ee421c4dc5ecf782e16816353a0664272274434b5fa28c6c83596f6ded031
 For G' 3c19c34907e5555ebae48fe58f2c1ff0efbe5847f7b2c805752e96e2225ed29e
 a1548e33616e03bdcaa85170f12c9a580b2c506db7ef51dac94b15d393143366
 e80f4b62c9a6e815738637bc30bd462a0f31a5e6b3ad193ec720e2edb7636ef6
 e25ce3b54d1bed854fc16c25977b53ba062aeea5d740b6b43b6dcb6a00a4db91
 \oplus 00e66a985ef2bc283240459af1bb1f80905c0eedd5e2ab717adf3ac6dda542a8
 c27ce9fba49d4aa098fe5b6f9d7efff8fd6b499cd7205de32738ecf8d96732a1
 16e94f168458b15c93a8010367a934753d574e559b66b0a24eb613a778f1c5df
 56fc3df9f1c10d8af feb1ab4fc12a636199029586056504390fae740b0bf3a12

round number 123: d844b3792dcf1d13ce6717cc2850ee403304af801a060f45a5fa695e020a101c
 3f3be7c76abfc022c9f648c8a300385a0e166e2d5f9f1b3bee79e1c7755036b1
 37a1dab6e8779c9c7628e0040326f9aa5bef23d792c782adb6712aa669ea6e5f
 6607ef0ff4b234e45e87b64e461537280e2ffddddd2ad130cd355c59fecaf77fa
 \oplus 00fe963c884c2b5d31b085e62a0306937e3171dd914d173a53b24da3b9109b50
 f4c43fa1a73f44e25d109052bb18bc4482a71a06162c4763954dfbf146e7b909
 563cdc2b82680d857ef fd6d0573cda00d56b8b22e7eeff7c9a327213a915d829a
 d8b572673cf7017124435b88fc546d63aca851851b22bba1e2cdd9dbdf3784f0
 For G' ffa9d15917e97688a4ca7f7e9700707fe256aa225063740ff1ac24fffb903663
 2867c8c5f3491d52560a1f6c5265a0f64719f160cf0c39ee73f92b4a7301c7fe
 e604744dfe5949e02e36bf5714725f3266ebb328cba99c8996f14acf92ab29b4
 a0de4cbcdae00fb02a76916b69f58c1fbac7fdb716e6f7ab972c2ab01be1833c

\oplus 00248aae123e9583f3ffdd1bef6658cfd3eba6021e80914014c743af52e3eb7
 74a7b235b3176964931296b2e340222b26c32860700e904497b36b97db4c412e
 b02f6c9d04045f79cba.f558d74a3642c5367ebb29ec46011d594440414de83e
 baf.f.f.e1c085729be254f43c2c5eab89fe53ed1cf953faa06c4ace28a830b997b

round number 124: ba2545a583364ef.f.d7922a0253e8d34d35de5d8b4b187ff64824fddb1a8b4ccb
 f.f.d866cd8084c094e6d89a1818841e8cb1742b49b35c587b341a3633b78fb861
 9d069d6a1.f911908d736d4541a23aa8e84a8.f57529756415560b9cf8b7ecc5be
 b29d68c84535957ac4edc6ba415a4ba287ac58c98fa8ad31981c443398f30ad8

\oplus 00174662fc176dbff560bc529d8227010d44eb9bfe62e53e9610b52b09af9bcf
 de6fb21b771f89d5f6898e9e962ad7d63c2d7bb9d95495742706a1e1e148ddce
 4839f4c2933c88db6323b4b068566b5dddc1ccb3bf24a555813c91ea0a384c9c
 f37446328d4d202e1cdbea8ef.f068eb2872a90cc1a6cd99ee1a0348f69d49efa

For G' 8d5bf705d7e30b5735a265786628b03d681042718b7d1bf0e050c50ebe08d45c
 c07a.f0405e7436c51889deb12582dd61dad900bf02a9aae44a40dda84d86d056
 2b18d0fa5d1699e5994a0.fc3386970a3ddcd93e245da888ba80e8fd3e6c18a1a
 21b2a0d2b7260e0f39d2a9ac1f34805ff92c7883d95dad5380c83a98ea1a47ff

\oplus 0040824cc49d8a9bce7111527e5c13756b9f0d3786613e885e99e2a9ec9b33f3
 1ce2a8a8c30d06be4a1cccdf8ef22513e0cc873a87646f9dda47463ef4ec7e11
 a857d34ef.d600e33f9e61952b16dd670f788a85cea802724a7979efdc8df02e6
 c1e9d957902747fd7252356c7bd3721a70b49e52f59db7e014845b5db0ff8797

round number 125: 3203c77f21234022f29650ce6af44c389ab610b57a9ac8de3448901324d70421
 b7d4d6f79b4941105114868eaec95a8d5950f06a08cd0f131c97d256c765af.d5
 3f69a88cad91d3b41560e47275c1d3596939c69651c140d7370d12bdd4892241
 e92efac878b554d8362c34be5cc5100086c80595c474af79bc70bcf1279422ba

\oplus 002acf69c566317d425901ae072bbbac91a4a7cf.ae4145c44b957ed24b2766fa
 141d69cc62cde8df5056f8fb9aaf.f9c103ac46d87e30bdd43a27b79d48c0aec3
 175bca84bc47b35cc96a68a4a934e10eb85d75fbb06ed57d10a462748b1a1076
 cf9d1e9c49ad71b94a77c7cbb019f7b3423727e0b5ea52f89f000bbc64da7aef

For G' 1b7549137e81cc.fbd3742a1874a348038f4f460d1c2578bec927a75293e7a.fdc
 9858e89d79307b5295126eab70f8723a15878585cdc57990079b96b96aae4783
 4f03b4a07697d660ac16918904a6d32a453bbaef5aa.faf0f99112e2e1e88fce0
 5b7985270149f24b809cc064e7f2458998e6d12cc01ab3944c61c55ae5c0688d

\oplus 0043c4e1962226bdba35717be095c40e986f7a.f2d2b6ad883e680721b16f71ff
 311b5c828306941f9ef.babe296036565ac1bf40d8b66359d9401262d2db8f4f0
 f30228318caa75d509a0783077f7dda0a984e759e3bd4350ea996cedd0f1a5b9
 1358e56a9eec8f1c97519bf0b0bb9c77f188a4312cae12f.f9ee.f4a737e762630

round number 126: 290816e445715fb0cf51606ddf.f7940b12b77ad4db8d1a7fddeec16ff062dba3
 c9bf3bf984a9cf01427e753466a34c5a.fcb6b276fdb2c726b065cb8fa5011628
 32620811d660e8dc0a8cd6dc.f53257d164b36de1af95aa27a970c95f93323726
 b3e454311825617c5bf375ecdce7b3cf.f2275719ef.d812370b74d434e585532

\oplus 001cdd715953b72299e3cc9be95db668e655a05281d8784a204a721b4b5a812d
 3e65fdb212560cc6cdc5a08de69f5f47e6708352ec76bf126402a0374dc0d360

$3c77d4a427b4c45344adfb549149dbb4f8f9d0027ab2fa633292cf00efa0c828$
 $c569d090f512a9a96e7db20e12577eb421dc674e16dd934357da06702c650423$
For G' $368df2e8a3ea4669415b6394368c0d17203cf fce93d536f74fa0732288de23a9$
 $43b41ffa36ef4d0be9c549e6fb175fb99c718846a34c0d939ab0944716b373bc$
 $019c91fa3da3b5a5b6e9b973510e8aecbf59f6b912ec5f738842c3ce79595948$
 $21604d9fa57d5717cd5b945749d9fe696e751decba4a16bd28e8f299bb64ebd1b$
 \oplus $00bae468ebe0352bb90699acd5b40155b10c6ef697f6e06a81bf13fc37428cea$
 $638dfecc61d616dd3a83938d574ff436c95f04ca466187dd262bc0df f3e5d900$
 $428c6f3567be65cee f338f3fd9434f34247ee4d6578323e33aaed262f27f408b$
 $009f93f0cd8aefc40cc47c36bbbeddd2a6d810338ed489bc77f17fe18e8f6073e$

round number 127: $14cb951c22e89256b2acf636aa2263f4e2da865a556235fda4b374bb385a8ef7$
 $dac64b96ffc3c78fbbd5b9803c131d1ac6312411c47834d4676bb8e8c1c5480e$
 $15dcb5f1d42c8f4e212d88647b8c659c4abde3d52750449be2065f7c92ff0e76$
 $8d84a1ed37c8d5358ec7e2ceb0cd70defe123f88201260276d4b33623d511129$
 \oplus $00bb8124bce77f09cb5a2cb63d5d92fcfa9b62af8939dae f19d9e773022d6bf1$
 $0ae79f48ec33212eec9aae8a290476b5496c96b760e0faa5fc16f7da6a8a4157$
 $25fee8134d19a433d390a8c0abf3dd7a2b074e5aef84cbd7f4c0136da0db348e$
 $2d6c0719bb649349d29119109c4bf9230fe331e4572557e50dd59a19e93e8629$
For G' $371680480a7342f85dfa38e3380c42913091380423d69dce1f60deb9ca f4320$
 $39e13657395bd6d346da6bac58ab8f552e8c8ce52d8a4ebc9b5498e556aabc43$
 $10fecf5a1dd06b59da364c884dc5d89b27126f456f7c90b2ec11ac8b2619c321$
 $ffde6f68f7b8d3c19fe861f234234303f41ed459e9f015f198d7835eb8ba2536$
 \oplus $001a30498fef8ab1cf6478527d82f9321d6dcf261884215e3dca64cbd3c60308$
 $a79c05b20ff424d880f66269bba68b2ec60483205efdf56eda9e5c3747004b79$
 $2fdc9548c97e8305c4ecb3330192ecfa65428315d0cf3e68862275ec6ae67021$
 $37525c44588d705fa5670239ba7250f0c5d6d7e459c1a698bb8adc2c2e025411$

round number 128: $7014389e0fed5f79f6da80977ff1081841e4f5dc5bef12bd6a93c83a77e506d0$
 $21d4de13f0e6a1574f170a15176baf8f5db2a6a498ce719b7d4f32ab4f095930$
 $225de299352b7df2bd20a4d07fb8e661baad8fc8d48f4c16c64c1132243af8a0$
 $e8a6f48cac467c5c56fbde2c8689fdf1f10e6c773737c2609ea97bd46f970014$
 \oplus $005a654b5c74851d9cfff716836fe7035d86cab1a2eaf1ff5ea774c913151abc8$
 $9b91ae31073bab756a7bbff8e179334c199b928187e5b50dfeff81751c19278e$
 $8e1888cf f38d511e0987f3a782142cafbf5d4819dd27655d6935e78d637acd1b$
 $92bb2a48491cd942e1bcad9c26a0e2efd872d3323cbbb18595e2c1daf5ad735c$
For G' $0cb001859cc849929e40b1458ebba32dfcf7223b52bc9022aaba744f6940289e$
 $7d33e536aff20bc62c09c5e30d047be8880fc57377bbd241cac4d211aaf73a3f$
 $225a12d4aee85c1edaf fbb4c5734614250ec50bfb3aeda6a33d9674cf ffb300c8$
 $8c332ca f35a39e3a8f63cb8e5113f331c803bdb031b369235d5f7296b8712737$
 \oplus $0071607342ac62b49665335a60ff fbc662dde1d3e187811abdbfa74d7bf51905$
 $0e87b6cef2d528388851c4aa219ef4d1ff3080118294d9631f8b1dc8e2925e5f$
 $65bc099c0d768ad99d8d65122d3b6fd8f0dd943131833931d514da53308d8aa1$
 $a09d6ed459ec408f50ffe274edc274b1b918fa056ab37ecb1c86b802f0b35db6$

round number 129:

4e5dd55399da646a25f1ff490f782d99885ec675400d4880e484ab46b4ad18ba
457022f7dd0a22256cb5edf6129cc3442934251f2bc49683b0b3de53107ebeac
456a56c6a62cecb4a75777fdaccace05f0c7d109a8294baf79f6bf474035bb7a
1ddec4e55aa51eb74773b0a0291f1e297cbf450b8c73e50b4bba0e9a3a734870
⊕ 00e55587b9fd4e5c463244eb703e691df34a8fc55e97e548ac057f8fb5352fe3
1017ca85b537f8dab8dd15f7167471a672cce1fd7de5c3fbeb5f18af5cb66cf7
5227bdec5661e3a564fc89c855415bc3879fae8dde65f37177f4cb7d307beb6e
61318cf47756741599ac3db351943e53d3e47289b642c0d16d8d1c92c4b4ca6a
For G' c161f6de642b260825821fee4458eb9e2ac3e8b33b11381705d30212b5319b73
b453f85d2723fea45801492c9a8f39773f4562f52f0b22d54fcfd94865646047
e61b48a39ed6c74772de5e7a0f0e9aa031c48e822de35be6cbbd1fcf3e8a692c
ae427b6c4fdeb5df9c29fabc18780711b47b55b0017e841d9ca9448c27a810c
⊕ 00084afe1302e106c845baa434c5a0f620e9def6347a38998a08eac563c481cc
345a66818d2e1f6cd54db8847f665b61d8d219ee3b455f1b65541fbfd0e41d4c
1e5b5a8de0f60edda3c4a489bd33c4d9a7b47cf1e74b7baafbc6e6fd354b52f7
13f07ab44f7201f7d38f75e7ef7c45aaa81f24c99e142fbfa7d11b9356f9129c

round number 130:

b880d420272a3663c3bba27f4644847b1449b01e9aad8c4881d4c90198375955
67e872683dda ffd468f80104e8b2e25bf8c4e2562155785becc6fc4acc8d25b17
4deb2af04d0f11c3abfe35f98b95c677587f84764cb8de0e02743a704e50147c
ef48112df36aa2dedf8d13788b207aaf5b37823a3125da26371208fec7821a4e
⊕ 00b2a08e63c5f5b90336f96a957195a9c30dc4699e88cf0650887d86e07f6b4d
ea2586dec42e5dc11bd3ec2e799e1d45f197c3e50aba4996a8638f393493e19f
758786c7904cda70b033f5b61de9a7a75cf2fd6afe6dffa2619db0ad5134f774
e6cdeb2b5327a6cae552c8acf4c9c2807c048f5272de7202db3a7c52879b0a52
For G' 69bc207729c70eedc7a54a709d4b680a2a36450f6b008e8fdba8d7d6f51abf80
099edcaa0de1c88d4cf1a8e5e96216e7977b1b144e7dce2a9bcb6f7b5807d0bf8
40122e7e20c99ad11afaf3b23d5e799670f273caa8204c367bf9320bc13bdbbd
b201d800acb4284fa68f5b3efbc5dbb35891929e03c7fe7e1b8fdb94839390c1
⊕ 00eae86a731546807165269683fffffa252aa9f3554218e70eb7bb7573ac6
d50844cb8551ae62ee2f08175ccf29d5955f49eeb111b68036b308e9971ec021
b5ef4283bd0e183011a313be0e73a954875333ae171f4837063ae8e3c5f343e3
e789619f74f4f7ebcda5435ebfca6494df0bedf69c162d0196105627cfb63a8c

round number 131:

3274ae44efc3dac08d5b15d33511d2d74474770425074ed15cb487784832188d
cdf4b6f9f4a215732bed2a912cf1e095321b32bef31cd44a57375fc41ba8838
6cac37dd43cbb31bcd0cf967c61d0048d791cb2d524ac63e98add1f64e30809
85fa06a04d04143adfdbd47fe9b82f27330d6843fba824ec2874ac4019101cb8
⊕ 00c28166bc8e2e09dcf98815ef4eab88d99818c67112218e9fe8f3366926368
3f0dd5166adf3d6f2d73d861abfae217ac9795e5a6395d4405ddc9e8802907bc
34defe00d743beafae95c96aa26169f17663ec2ab0e0cd64aabe04d35d7cf9f4
e00db3003ff2f4283b8947fae920b3e60eff28b52f83777c791e8e6b35d47277
For G' 56cbf18ef65a85c0b31819f57497f5d59417a5f435daae55983cad424d8546dc
96986188b066efa2dea0f2b5ad3f32022452faf6c78aaad75f5c1763cbd9f5
fd6cfd9dc782e10b59e00c332dd0c2f7a14064bf3f04017dc3dae804c8985e55

\oplus *88b99fd840d7a46b2a1860440fbf27879a7f689fd1d37f8d9f8db34c25aa4d69*
00b5ee022e09f642cdc0b1d50f4212ce6a1725e98b146cbbfda907213532abc6
5c4900c328e8bb74ef42ee99ab6280379af9e9604f427b5db9658827c6ee1a1e
de2c34acde5728bffa3a8f182fb6cf6b33ccb58ff51c14a.f1abfe782e1c16bd
cbca58d1583a607bf3052dc9a120255401a3b975e7213813d5568ee8554a5d5f

round number 132: *b62f22534df4c951a48d526be5386fc9edf68842166cc9b54a084b2ea07be5f2*
f963ef9e7d281c069ef2f08705fc1effb626ce49089000a0aebc14c1938f8458
72c9dd94880db4635586fcde00b9f5fb1af09865c461074334d9cc399ff1fd65
f7b5a072f6e012e452938500989cc13df240f6d42b5390516a222b2cc46ecf32
 \oplus *00827c5af681ac7913acd1beaf32a9cc565afc58885298d6cd66204195bb9af7*
d65ff465e25d7420b87e800bfc44f71be88d83fbc3114325f93f7686dab6e740
ba5d6b57cd5eedf4b400d19fa3af43d679842f1f7011e8b5849ab68bffa5ce23b
0b268cb09d214855615aec79822421c3bbb82b3ba2a7e90cd2a8f7997ac44e23
 For G' *7e1f8cd85373827ed8a8207bd5e71bfe00801dbecec2ee6595aa6378b7ed1aca*
d1614b988e54d631e21c2c065db235bead139f233ad1f0cc9ad430a525c3eb23
40c93119d5c9b4a353a4c2af2bae01127cafe7c055c0373271167ce68448e843
73c70918edc410d91d4d8dae9f02d39bdcd1ea36f2479e4adb3da470e0103656
 \oplus *00d45f1e64b0c57ee2cf638b20d852368169ce86ff3a8ef422d4de1f870cef4c*
f2ac0d4a0fa0210b7a9cf98dbd64352be27ccf7a61795b7a607406fe97327cf3
41429843ddb7b6212a233bf3e0428ce737cd20ef985e2639fd4a9f7e72066873
dfae6e8410212aa79058ec78fea6ae861345f45797490330f4a837269dfc27de

round number 133: *ad5e09bb756528b72183d54a0ac605bbac741a9e3e5163876e6b6f35c07f052f*
3c1bf9f756826268c708cf9b8e9e45eab4db2cb8143855783624749396318c8
94b6c345535997e1862d41a316b62d6374b77ab470eff6b0437ab260ad1f5efc
932cc26bc15ab133c969791ab8e0fe49f8dde8f89f4795db88adcb5beaa8111b6
 \oplus *00bab0fddf9348988e6dda376c5904e0db69802a67a2e6dd68c3f140a8e21797*
89a4bd60387f0a60e1df54e2e4f988bd3d487b7a0abf9c101737a6f29a835086
82e4ce23587f15ff3ec18e80eab6c72165db16e2e93d36643f2bb30f68fab49e
2b24272bf37622f2ddbcb03264b03fd408554e2e89e9b7a1be1a9cdfc99f7171
 For G' *cbd3c637c347003a6743f0f53f49c881e9d33831f86091b77ebd6730e1f58623*
cd46d281f4f73a9880d58be0d600954f6f50595ba8abb6faa0365bb2f197d001
8ba95a087e02827987f95ccbec8df54b62c72fcd9e110b8c5ce398f64e8030ac
69679cfde53a7e8d1561d661a47d1dcf941e61650e9d7a2f9593567dec11887e
 \oplus *008b1421a5f9c3efe05d3f7201b67a36c6a30affbca77b6e049ea1364fd22de6*
9caa0c5354ff5b25639c0fa50121721d5be0b809786a583c3a3754c80e1b5c17
c301c8ae60c810500110783884ad8bfe4ba3f2b27c2b3353050e002f81031ded
86d1d7619ca4fb462476b7ff7f515ee0f9d446e1b3dfe960d13db7590f9f64

round number 134: *e4b946aaf6602fafee0f7d669f015b771d9ab459f3855a06a89e75689d12b8b5*
bf46ff4d172c466dafd81b5c106ce39605c9b18bfc19479455e1bba3e0484e16
520d660b26821eb8eccf23fc00ea42116c6c5699d2c0d47c51016fc5e5ea62b8
08e540322c93c114d5c928dc50c19df088a1a77d90ea1934c62961631e60c7ad
 \oplus *0062223ff01e3110002638ff0a104e08d99e737c242b5c94c6f3c91f6b32cc*

$2ac0d38cc4552d9ce87aa242a56b58c2c8a34e1939bfe$
 $bb8215b854145967e5$
 $accd1ec98065f056fb28755e5d64339b3aacffac7ecf711e90e332e5b856e606$
 $0d96561c58e821cc4f80a3e714e71fc264b705c651693aa25fe1ff45236f8026$
 For G' $58d21666bec3d5871ecf873effb2b72f7032ce44c7ead97a23c606ae27abc551$
 $ecded2a00861bde3498445d721e75234b0e152d0c1eec69a010f7aff8c8c1648$
 $a892a61eca922986e924f368207eb52964dd7fe23a38df59ed98d9cf832d41ef$
 $b64b9c799e85cb3117619e56024c9174e7b523ef2ea5c6f5426bcab51e171acb$
 \oplus $0046a04ec988c7141b25c742c9a1889518326f7cbbdc8055ae5168ffdf27f1cc$
 $31ba1818c964b8af5a185086803e8b827feed6ac476d8ee5fcc3d8437661eb3d$
 $8d64b0cac482fcd26690f0da1577baa6e11ef873fec4e2456b00b167818bcb3e$
 $a183baaa8f7e9a5bbbea7619f2e575b4bcc07b1959d4faba35aaf6d181c5f094$

round number 135: $db64950961ccbeee0d1ee9600b4b3915432a2a8fa1715a3c5886a182798a7995$
 $862cc1d3796bf147a2b91eb507bb54cd6aff92c5a6a82fd7f403f7f41129f3fe$
 $c078c2a6e7eeee17e756a25d8e718a56c0a935ac0fa562c1e25d205dbc84be05$
 $73162e747be0d89a498b3b44268232ec16a2bbc183239699c89e263d0f478be4$
 \oplus $0020faba45814aea31ff3b953c22f4dddf86eb6189f2a7cae70fbd14887a796e$
 $47bd5abff0e296225b615488d160658f619747ad78411d3ae3dda486432a33dd$
 $8ae067b58a37b59b209869e3aafdd6ed4ff71eb0538dfb50ba71043b37e903a38$
 $27fea8097913661f9297279b1cf4a448f601a655a58baf63a0649528e1e2d5ad$
 For G' $94b628774b129305ea407c36133fba6800a1387c36592f8d976e51f88c349ddd$
 $64cab8c105054c139c1551a1d9d9b6cf0f847c8683487fddcca2bcfaedfd7525$
 $f616d40e10d5548fb403b235090f8f85c38791c4fc3d1c869868a802a68ad117$
 $c826d311fb516aac8be84ff0a9e4c05b7558f677713c4f77c13c649fd2ea5f58$
 \oplus $0011563913183af2b0a7542e202d078d7d4d667227e7d7a74b3d92c05c6766d7$
 $12fffd947563d83591d6ad69b39eede0d0b27b9f2945cc3d6ebb53cfaebf7867a$
 $6042965a43541d595ea8c035e921f3fab2cd70cdb237db11d9ff5c5d3123e964$
 $44a1f9cef81b90476f5aebc0cde4fcacf342cf78e3c767dbb99c3d513bf3f996a$

round number 136: $446fb3244df4043ce1d2f53769cdc89cacc1ee2883fdf6bf891c96f1f000fbc1$
 $919b6c89896765f9d84a3dd6db31420b68d568dee932ed17de53725203c0234a$
 $98a5136dd95b8cc7cecbbe248ce4823fd8dea9377ad7ca454d63eec214843d54$
 $e8867d02f3be85db1c1cdf3a7696a4e0a31d9426a839fa68fab315eea55e49db$
 \oplus $00307311fd464b2ca9f1a2f0f317e30ad9e6b54788d0b10ddee2587d8e4cb4f7$
 $4b5435b9c11713ea1bfba915ed97889a60918dae853d4f176c5b40c4804b61f3$
 $cd1609d7c515d8be985425d4f7356bfff600ae8ca310ff7007e3554bfe211d28$
 $9b2b360103ea037bdd4d80c37bab8cc2f07d873b942e0c24f7b63744b32d0076$
 For G' $a77e4e580aa9f75ae728183312bde57dec5e0e11bef82adc53c338d053fb0a76$
 $3561865338cf4a817f873ae03768c204a3c5741714bc2b27178000060af35f96$
 $544254538149d6eaab7200e02e7c7f714ae1094e0ac7974197f45f97a938738c$
 $872adf034afaebe4b2a43064003cf4417401f94d4a32cc58fffb18c6dd5c63294$
 \oplus $00565bf6f7474edb42f3fe5254435e2aa88ba7282252cac3cda2b37337b22d28$
 $fe46ec24262b4fa1dd65e01b34cd0d5b3231b8e4ed53462ca0847576cc6d76$
 $ff8a579e2dc8762a7b87245ef12c1614198701b76e69cf06ba1c2d77eb243c77$
 $54d753f75b74bfb9e6e1ec334726e6ad71ac8a52fce031f27716df65d1e6f2c$

round number 137:

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For G'

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round number 138:

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For G'

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round number 139:

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For G'

5fc035b0b24f10482357c79ada2b9675275b6f0b2d47b257feced8c7e4c4f36da
cf593048707613c3b194c336a6ca910844e5706c0fa200b2083296838b42b955
b31aba1c4e5479569f9bf07bd1e9c02ede07bbd9c735354a80bb89eaa5207c73
ad4b03f05486a0c1515ff90d3d28225360131d3c17f64c0d0522aa167349ad44
00f9da30190a1fed6c05c160e7a8ee46cd3d42ff3e4745e39b5364797d92ae9
7e6073452a254e379483cdaa7e8d5b1119ad741c34fd9844373797bdf35e8404
dac3eab8b46e6a4841901625d1a5b10ac106bead3f9a6c40e70c263dd84c72ea
e8058450707d8d56142b7ffffee4824efea0358182c54fecfe076b245b73252
2815aefdeeb981a5dbe66146febb5744d5a9399caae01f9e618ba36449275ecb
9fc0bf1ce961ced5a5f002c5c0f09f8f745aff05178613b2084737c3f32e0ab
c803cdac81a0c0d0f524bedf506965536608f964ae58472de872e0421c4ffbd3
fd8cf4118e551f2cca2ea7344e9a2ba31b31e865fccf47d8c0e19b88d85db8a7
00a23d3c878a4795fd357bf5fe300e778881e5de55c19e092a9c0196867ce5fe
5d2b880cc8f4069e0262e8f56f56bafba6f99592f58f43c3ba0370d0fcc1a47a
b854856a3be43888533d45ae69960eabf84ea1e93eb47c6bce4a147d21d1f90
280911e466157d84b67d3dda7b97c5f85d4acda55458fee192356926c6377ad8

39ef80ab450fa54f5206fa3d837833ea662df4dea3c609c77bba39db961c33b1
39430d5a535df425170e9cd847ca195d4804703b5f98f63f05013e781c3d5169
d950a4fa3a131ede0be65e004c71241f010574f8af590a67b7afd77d6c0e9945
4e87a024fb2d97457486f2c3cca01d9eb91e640fda18f3cac2dca436fe9f165f
00b4fffd83484d39c21b5a00349fec629f4335e1b3764afce90e5b02e9b4003d7
0b9d30394cd24c95effab2fa7e3e0f5f3d49c396ee553fcaa99c11c995c917ef
889da7760c9a2d7790ec4d0f45d3e7e977993dfd2c946705a726ffdaae323de6
0cd26a6d59afeecf03462812f40a5c549f13b51dcd93ea9ad34e4e874f4557d7
b793c16933c63026d31ab3008b59335d28dc42ff2181974b17a2f2cf5bbb35c2
eb37102195c840583de8d93359b30351bc3a62a4f722f89a8703acc3f344d170
5748c6ba44f85870176a85b6f005b9d98c137a3db300eb54964105ce52e443d5
85e5f5e84062a87c539aeeb50dee5b467b25c0a897b93952d4f2ae1e6ac27f28
004b91b45ffcfcb0424af54cd23c9cd3cd720ded68bf6e6a9d8e95708fa40a64
623ede92e5447690cce7f74700149668d17c3bb302c1da16e743275e2476e0e5
1c544776a64393abd3fd62d8a9d7679608e6de46a620bef3d19d8082f53c0ad0
0ba2f35ea3ca8c9e00541d8385a8ff0c8c7486896f15796af920d1e58f10c368

5b7f56c647e876901da03db7e7df88f96ec13f10b0433beb5f89f50d5c306632
de3d631f8fb8b0f8f42e2239f41602754db3adb1cdc9f5ac9d2fb189f4468651
cd038c368933a99b0a130f09a2c3f6769c490583cd6d62108928a7c23ca4a342
55ca49a282798a77c0dad138aa41ca260dd112178b19501192eab1b1da418839
00434e48b539f3d1d9ab32f2680f7d4edd1ea6fe64453f4f3bbc9ebeda026297
e9ba0aef7a473b80a5235ff5a10c5f164bac8d59f73e885df43fb5a0e7ea8d25
604e30f5c158273718fffd36504ce9cd8b5a564e13ec6fb4cc3599bd884b5769
41b048d03f039885073097129b4cbcb27b2c6a7605c27e0d849d84cbbe9db76
d850dd6c3acc969150464c5965af8ee5ae4f12493e69218a2c67bfd41f3fa689
09ceb3708c36c8f10f2e7459a795396d465917f5e3228c60408b9dd73231954b

\oplus 1c81cce2bbcbdbc497e76e59d2de4f84f5a47b152055a747dc854ca7d849058e
 4706b6e3a824e253cef3368846a44af7514621f8ac40382dd27ffbe5d2bc40b7
 009aec883a0537ed166c03eaa3e11d3bdc17b006b1899ce85ffeee8fc61a4fa4
 ea8ff5fa64f3c7bc0107e9a264840e4e2fbfe1e43cdbbc90606b4297a26446f3
 05918b14aa4b319782e2cc474725b1a2c4d660b07a3e094f4e95392104f3a888
 7f794a4175dde61a1406f034f1987f368efe442d052dc419a8e865ae3832a2f4

round number 140: 3c188ef2d18541c40b0f458fd0f5b7b3df99eed40604a464356bb3863204a537
 8769f0f5ff8b78510d7dcc551a5d63061f20e83af77df16910042913ac0b74ad
 4dbcc3486b8eac12ecf23ff28f1fbb171353cdde810da4451d3e7fb4ef42b14
 \oplus 7a0172bd7a12f2c7ea462a310d76982a63d4b0eb4577f14aa369fd61a8534f5b
 00f70710ff078808871081b91a89fbc0e1a5a0c669bd58f50835d8dc9be19ef0
 30ade0adeb783c422f20fa5ed7e6c32835fbe2bb9d90ee1d5c0f2e71565b66d0
 ea1b5143ba81fa926fe0bbfa1857a95cf15b37377ce96a5e2c78c2f3ff81db4d
 7812f5442b372e74e4ad64fc5c56723c19b90fb00a50d895f370c7a98d30cd92
 For G' ca31e400c9a17c462a4fb3c64e93de7258a24f8fe0bd627399515bd925e92de3
 41468ae8c50f4d0e299dfbc311372369e6f611dff930f020e0df409055d3b819
 1047f61180ea531505a21e95fbfe2631721ba55a6bae0892107586dcbaad0638
 7ffca2ddf90449da f5c6bcb73c35c1dfb865d5a96dfc347a979e4bea8ee243d8
 \oplus 009da2c46914ec8e3f28dc99ffdf15ff65c79a133f59445de82391224bf1f672
 2ee5f925a7e4ae2d16f8acd01342f908406b9c5fc2cb76fb0de26cb1b3ca8984
 4bf9ef982ec0ae1c04d20569afc5312b498fadd1370295d3ec2de79c58a65acb
 4e7ac4d7fffe8c2b5697b1364fe20591ead1976fb4b7a1c25ae8b6ae293605c6

round number 141: ef89e22e82c9cc8c1fc436ca7c4c733e3c4e126fb9fc913d5e6b5aa9e53bc7b7
 c4105814f34413225d360bcdbbba02e2adb0a816aed1f744c0b0762fa50127da7
 a7920bd10f5680831284089748124be208fae9fde4ce1b3146bd471075f05902
 1387f95125dcb30eeb4ecd5120ea167a6dbf5b4f2729df50193ac8256382c93c
 \oplus 00e9629227afa24a1f5362e24082b4262cde3cd7719f643d5d9bf09590858ff4
 b2abbd78820f12de17e7ea07ee38dc979e86ebfe4f64f50ba2072b9f334ee8f5
 91e9ddfa9b6a29943942dec40c3f22d011ea987c0855226abc232087bfc8715c
 3c2d60eb6b35ea1df7df19c568937048a5d080bf9dafbbdc77686c6a347b9963
 For G' ac46c4a0b590c815676f5fb14ccb8d3d65d59cdf64262e7172cafb6e18db916f
 a373cd62ebe3233f6557130275da61a69d8d803bb86dbed3d2c21e619319d5b
 be1989ae2afd0901701bfc543b171a3b94088b5cac9d41fc586140e20b5cf331
 86660a06fac5f1a3510d8173d7c44e52b442c6d94b95b8cd76fd44a7d4461eca
 \oplus 008ef0274cf00d825ba5b7f212015513aaf3f375a4b153bc103296e605ad165c
 538b955e6cdf19a2748e03c09a0f4db07c6bf2c74d07ce573e938348232179a
 00a1f50259c5626e315932e099713514f42dfc8c0d5f9bfed5840317c41d1a92
 9cfaa2f419ef78059b75d086de4056c09db1bde3aebc2025a6bd217d178ecafff

round number 142: 6080bca5666ec6009754283ccce71810902eb8c863f50003f0aa3c75be484376
 bbe56c714b01fc4ad1e1ca5598f2bd458c6a94a27b8147a9004965635c955236
 7bd62b943ca9172bc6d653442d693219107181ec9b395bfa9e6797ca38285e2f
 aa99ba4ee959131c91d49448796632c86fdbf0ba86648c6e52a44f57f9505fef

\oplus 0019cd67af7821e2a813a8c9cf2541666b542853e62f79204a2b538576d5cb3
 497327c7321ceedbd07b6ac6f0fa3d920a0bffd97d2b6758604f3da29769e7da
 4e704d5978fd2d18397fa75938fe182fb9991167649e3fa0bf41c3cbd43b0fc2
 5114b2c453e94cbe7bbe309b47940395b6d6a1fef5823de4932ff6d8dcd37e2
 For G' c83487f960c5973ccae8435ecad82ecf266faa40977dcd62f86d881d768733f0
 f8583c8738d2a5421ff33e7c7a957d9a4b3f178f56a7084ec519d29b038ac1be
 b87cac73386b6f4142ceb4a2662f2f602577d0a1c2da028de543f5cf41e9a31a
 9ca8f2e32a89a6ca7851f50984189229f37b3ae52998e8d04065dac3c8d435ac
 \oplus 006a0969feb027d7431e4919de54b7988ea606e5d399bf0cb7b2435c2ea41a2e
 f3bb126e6ffba9e8bd86359dde1c46b37f2fe930c95945baa7215fefc6f8fffb0
 13a445130bf362c1adf9edb20ec82e8ab345543a7560b2d43336fd755d1739c4
 41f85084207eadaed41d19065dc7c8b993dbeb32a4653c4cf9be42dcd b24add2

 round number 143: 9971c2c916e7e23f4780f501054c06f69bfa4d5d97f791f408894de9251fc5f2
 964bb6791d1291019aa093680880d786616b7b06aa20f1600658c1cbfcb5ec35
 a666cd44543a33ffa9f41d15972a36a9e8908bffa7645a21265401ec1351edfb
 \oplus 8d088abab05fa2ea6aa4d33ef2315dd90d5144793cafb01b96b03a749d680d60
 002475526247afc070b973314b037ad112bd35d02c44ca54a31d9184a510342b
 a9aae312ca38e6a54244214808e9b24b3748d8d0805d12c992ff62a8847f69d
 e45fa8960eed3c9b7f3124e05750f5229fb1e58f8cfb8cfe9366376b14f2113
 34af8ff3ae159b690bc6e9382a3d2551333ee21a9d3f955125acdc74960ba79e
 For G' 5e8e909e75b0eb89f60a47148c9957a8c9aca544e4726e4fdfcb41582329de0b
 e32ee957290caaa2750be1a4893b293410febff9ffe4df462388d74c5723e4eab
 d8e96033980d80ef37591068e701ea9632849bb7bab059d67508ba1cfe9adedd
 50a2670af70b64ac4cecc0fd9df5a9060a0d1d78dfdd49cb9db981f13f0987ec8
 \oplus 00f25edfef11a9b0da781c3213bcb95729e444f3235ee1957a5f6ee3d598b013
 483ea11ccddc5d87d72b4ea1c2e2e043013624d54b99315d71ffd728bd70187d
 7be0253ce8128f778e8e2f44edfbeb3581589905494eeb3e9f460f75503967e
 1a8953eb6dc141262fd7f2853470ba15647f3cc652ff4c9db2251569ad84aff9

 round number 144: 55b79b74a04df373986304e4f7c278947788dbbb35ba0ab94dc6d800ff1d93f
 e1556bd72a77a4d8e4b220006965cd5623a3d62a7de3a994a737e174f21aa842
 3965d25ad70f64d6c539f5c07ac38b77216e702b9be2eef62629aa21ecce8b9
 a705491e4a398361623a06d80c78883e6fa663a190254ab31ce6000b63aafe99
 \oplus 006988776a58da5fe1815a9e19c747ab87bea14ff00fc881c41d4ed8dee0f25
 f388185c09acc8cf81e726bcbf517643dd47a59469073c0263689ec192d6304f
 48ed7742e1a47fe626b6244fd8a1f8e13c9e005695f1d1a9f5db6b2677a2b070
 de4f478209096db496a3ddc4fe5bbc512ec40115eaa6666b3133a7239ba057fb
 For G' 7cce419aa142392c725b269f25eeffe048e1b7c72c8fdaa5942fbbf6b16e18ab
 10484be4d0f725a220af054bd9c97711c89b4ab5d4c53f4972a3edcf4e56d6a3
 09450f701f0f98b9d73f2c0aff54256a911227ee24b7659cfcdaebab9948a34a
 2b34e19aca258a633bfd5ceb2a2a75c4aeeb4baf2bd02469bd0a7a5d1cd1315e
 \oplus 004d2df3febd3da37da5d734fbb25eaaebf8ae51716b105c7b2a9bd3c83b78b
 0a2348db1cecb93a533e67026099cd052d46229e6b7afb036eda29a6d751b61
 ffbf634e37591a8671662c83efcac13f222a29d463b31759b72b8a87f2ada6b6

49c1c1b95703de53a4b72d222936ccde61007477ed6fb2a9300437565260273b

round number 145: *de1303ca152568d8076ad056bb6022c0c62cf44c5b5c23889db96d821fd61a12*
dd738b23db6c17655506bcd634bb15fee473be14e49596c45f7fb560cc980d71
88a51836ab1b30e38fd18fa26273961df0707d0e133f6697b9f184696e58c979
4a0e9c4330eed5f499db1cf223346f416262b47a832cd82dd5a728f80aa96255
 \oplus *0079ac2a5850207f275e23f1a6fb8b166b955972403e3dbb2660a2e86d756458*
d04ec95d08ebe29c29e4eb38799a00d930d85b2e07f37ce8fe793f3241b2579b
1c3a4e05ccb9676b92d1fae137d1ce183dd9e2891e3c99fef3815d1ad3a84a8f
6c448bf3b6efe808613189837c4fdd5e2fb94ce445271728ed427d7a23ddb3ff
For G' *836c695ffffaf645817bec6a55da0ae65e3d223b996ba0539d124b8dedaf201a*
6b033fcc1b9931859ce33bfcc0ebc19a4f289c327290f9444e4f552323cdc2f6
fa6c3e2856823fa6590089109ee455b3380e3a470472c54bf1612c6be505fc62
f520239d2654309f4a71c9031cb91acfef3fd8c6bf96c08d0e4d0b4eb116657c
 \oplus *0084f04be3a4bb57df9fd0a382c2392b5fd565d2619cca33c5f94df602383929*
ef6b549f21fc771277c36a61e822bae370b3fe244f461c7e4cad00ff5420b526
0da10483ab4363f23d5d55128a30fc770816d1bc6f7aa5e5093dc35dc39be65e
fe27da99543aa13d7efe32dbc82e08f00feb5f2081b9ae65c2e7cdb7bd762bf1

round number 146: *6aafe04d7548a72034f3a71d9ba9d6adb9ad3e1b621e33bbd9cf6a72a37e4a0d*
3d427ed387f5f97ce257ee4d211527d4abe53ae366ea2ca1068a528d2a5aea94
9f563367a257881d00754355a25805cda99f870d03ff694a70d973bdf083f626
4a17b086013dfcf8ea95715f7bb21f4ddb89ec60bcf0538e555822974d1aade
 \oplus *00524c914cace37f558325136a9bd502a9433ee5551d94c8dbbbf25330b97a4a*
d77bdda606ed05aa6198999f3a16fe35944f09856eaaa161a9d6f5d0add4f8b0
e258968a18a3c4a2561bce6344de7e6fc8256ba68c128655a35f5eadec2beca5
3fc21cd97a43c2f90f154a293228c039273adacccdc06c9cf0a764cd743990c2
For G' *e899141c5e4d125ee43cc9d71833cd01e847e9f8f76a6058eb067bef97193384*
686b533a654697eb20519e28c97b793f9b62163dd6e53a02e255dc77ed77d0f7
cd3aabfdc15c54645ddc0214d4a9c43018ebfb6b0860aef85cef36269e1a3c0b
 \oplus *07f904726e91a2348fbbd8d497123fe4d487e63e2f6ee8ccaac6f90c604e8d83*
00b4f8b3007876f6cb4578256934749a6acb964c9d44bd8de80cca4e73a8ad80
9f17e58ca35df817f9ccb6fc38fef474619afd0c61faad6f203bef187799d912
49158bea9102dab40ee88ce206324dfa94a8bccf582d1a01fa0fefbcd2a564dc
cd3582bebedc6df47773848424e5c90d0b7a86d0b476591311f3aac094451197

round number 147: *fdacdc39e4445f6170820ef13203af10ee00fe3703a7730274982193c73047ea*
39a3758118fcd683cf77d21b03d9e13faa336608408dc0af5ca75d878e12247d
0ea5edba744cbf566e8d36e6867ba261baecab8fedef1fd3862d101ca81a8375
d5ac5f7b7e3e01e5803b76499adf74fcc2440ac60f69a415f2e6e400e83a1c6a
 \oplus *00e427ff95247e0567d3b88f3f3fb4a580945ec7fbf1113fb57b3ca7f0dd6964*
2704770b289aaeb399fe2799330866d98da2895d67f5f1a205f7acca7f97c41b
23c4f190c0cd7edfe37fb5d0a36c2277358595830b5ff9741eed4b60721c4177
02c1aeaa654af635308e7eb733d9ea8cb56de3828c654c17c690045b244ddcf4
For G' *2decaf5e3564a82f79b1f27107b99b828c7fb46a2eddd5030ab1a1e4b19e04f7*

\oplus 7cb6b6c61b6ffcd99d28d4f1858d4bfa8eb31b71f976dc26e336f9aee09e584
2f2017505e8ed053348ef6d29b89ca8c4347a4504db4f9a6e0d99a4cbf58d7ca
cc86ccd04dcfc0f8885c50b3f7f6e9df6d60ee9b18b1dfbb3553ccf40b9c14e8
0088332675011b426c097077d5998983926386bf9a80e4fd73b8337a5ea5360f
28d1e72711ce0debdec9f8562ffad7e19fd5892aedd630f000fae56783c95f2e
0dcec0f23fd20f7375a4ae94b6b8ee2cc4812741db6313a9059a48256109cb60
b500bedd63877466016e5f6382ce29f95fb1795e29a735f2ba7acc2d376deda7

round number 148: 48fbc6716021641751b67e0d3c1bb56e94a0f0f856623dc1e31d3437ed2e8e1e
a7028a306678305689f58230d187e62791ef552778310d5950f14d7985e0662d
611c2a3481c1898df28336251780168f693e0ce6b0e6a798c05b7cda06c202d7
6df1d11b74f7d0b0b508fea9069e707729e944830ce8023476e05bcc77c09efd
 \oplus 0075097b8e3b3a91deaea1ac88f71893d9dc7e73f2e671ecaa1cd974fd438c42
f80244fbb35c288df7bafe55e8c839aba9a5583dc95f2edfc066a0db9249e2a8
731da6aa7a8caaea72e129b2f6b05bfc13809741aed42f295694da0d8832a5f5
cd09bc6a95ff7e60d64cecd3851e7da160c6aea2edb220641be344a9c0e2205f
For G' 649c784065b36d15b88206d22012011e1c32d5b45d31fe7909929eeff3b32f854
6751e10aa1f13243e12ca7aa779c1b673eb89df1415d326ec98afd6dc0baaa22
eed7a2615cdf20412a58462d3124a087c6831196d7ea0fe543d269de511caa79
86720d2e48b49e89320fd07538c026a2d197c53116ea498f2900d93cf1f94f2d
 \oplus 00f3d313e40f1d00c79b4066f9a8b630d69ea572bf336b5dce807608b063b018
a8b87f517b5834196d026bb089bd5fa701da060d08b462a497ff81b464746e89
805bd30eb6b192a9a64de789d193a649cc9bd7a3cb34be21fabbb64ed42e5268
d78b924cfb012201c8228269c86217c09969c9c3d5560c6ddd8fee71bca538ad

round number 149: 8ecf0aee1a5e868f18dfa1b4ecadfd4d7c8e8ba4844c2d4901ed43106d025c5f
00cecbd52418db7e4f7c65394fdf8c384a0d1ab16e23869097eda217a9848512
018c9efb4d272780621f97e1304d737abe9ba71e3288b196cfa6d78ef0a722a0
f86d71e108aed06344127a83800dd6492fea21e15a22506d031f65b722bea248
 \oplus 004093ffe8bebd62b8a62842b0fd16e8b14f9049336901326ae607a8f3ac0514
98959f16e311e141f66d1bc0d601cc0a39bb4db5c9462d4a7925cf2b2223a507
3a750faec0c661460dd5b939c861f1ebab122555532d7c518fb889fffea6853
8437fc5336565feb57225cb3bb306c576944a52c0133ccee23045465c53de242
For G' 6fab5381bc70157f1946b4d9bab72ecaac70c6e2029524c712e8e78b51484ccf
e99e5bdaa9065a8c2ecc1afe2144c03f629bfc49e950ca5e757cd9a4cec4ab6e
8c716fea6eb2e88c15a1a4e0b706ce0a18c6351cdeb1c4b969df908532f81151
f99f62b3b5bc88fa2d521cf0a2316248fe0cf2c3bc45e2f48f374d4d5c778064
 \oplus 0078bc8c258414549c0a18e79374562170f535cd01153b43e9a858923320b2ea
83cbca8025aa71dc2a44dcfe353058a0328d09fddb65070290a77ea88bcb1f6
99df6df26029ae9e265397c68ae1b4c8d6f68986571dc76ea4aa6f81aa2cca66
b7dd3cf0a99b6a1926c8cc00928f888cfe72d7c233655ed54dc3af7487a2ce67

round number 150: 8f9911f2e03beda07989f65c50eba5cdc11bedb7252c7b6b0b44b89eae594b98
5b54c3c7093a3fb9117ef999de403273b65704a765abdaeec86d3c8ba720153b
f991558de146c66fca2ed8f82c82911589824b61a5cdc7401e5e710f4d4af37c

\oplus 5a8db23ef88f88133026303b3dba1e46ae84cd5b119c83201b31d2e783400a8e
00e4668ea68471256872d7a7fe3fc15bf06e89bb65700341771ff46c8fd89550
42ae152bbcfdfefadeb58e88f495122ab89be0120ebf7068827bf6d8264990f
3808366995a4e273d2952b1e3410dc95a3423f0e2bab987255705f993ad55f4d
13fee3fb2181bcd510cf41c56326d06d5f5922ff9c2ce5d5f348512bf9328e1f
For G' d3ef0d99f4012b854cac3e29c378ebdc85f32f03801f84fb40bf196268fe256a
55915a8cac2b500488c6001474989f5016f5b43235cd5ce5dba70c450f1a9815
ae02180e9b461233f233263de77ac2ce30bc9a89ac03d7cd75ff0498d4db374e
425e431c27e2e30b9ad0f030beeac4007e25018f20bc21c2f4e239dbd54e036f
 \oplus 007153721202a9ac8b1220495181cc90159c3892e5ec0103ba9c22d7bae1a279
740e1d2bdf4459aea050e54197442e7f24a8751b7ceaff9521a82f850f6279b1
7efff0ed2ee21b18ade76c78db38b994d757ec82f18252d504075aa7af5e9f92
d7b332690d9bd60c1a3fcea6cc91290024525b2c19c0b4ca91e4f8a295b040f0

round number 151: 7d777c46bf9c8511fb21fbaed464963175640c405c782a7c5b4cf22181dec819
fad6ecb5c7c103cfcb77112ad520590ecce4b56b14aa864a16c3e625448c34c1
9963e474e2241c18bbf3e618924d802ac0746f8e665f324b2e2e96779fac3149
7351c5d90e34c620e971fe5e9cce2bf1ddeffa48db066f5e87983cc7a7284918f
 \oplus 00494f784fe8abaf80428ed9a462d7e9faf8e644242229afb65e71605ee27f1
3f2be4ae36578d03b0b3c54b80fb2756013d32f06f51eb9b46abc49a361c7f96
2bca903f353a33893504c5c9862068c363a39a54b220d300e356dcfffb6e5dced
1a31f8a06671f5a4b6c0ea0c0d41e6b2c816be08c214b0e0a3a8e8e3323246f3
For G' 9e5eebe6038229c7be1e6092f9274c906f179165f385f8fa233bb5d21f871321
9f47a773ff09aa2896e555e3dcb12f325dc1294927a370fa0f23c00078e1a4d0
fde8e3b5a4092b5fd44a453c427b5ae7eb760b5d81851871f85e3f7b85a8dc95
ed71752a79350780ef1e96727bed005a775aa3397c95086506c17940fe439fd3
 \oplus 00073179acddf2e94e7916d445f3ceea15954f98723ddd34bdd6a6d08b25d14f
4ae2a861514aeb204591b353fc642bf99a6afd3248dbec9446bfd0619183cb5e
4b082074d8f3c009d08fb6d6f01a8c2d06fef0d57d8962d4dd17f10e4de1296d
d66bd010a6057c26fef9fbc3b8f5a66e049fe920d90af2118ffe47126898457e

round number 152: 3e333ef0742ebe7b637577700641d88f9be4241e3a08e6a02915378430efe8c5
fd081bf1968ecc7bc4d46155db7e58cdd9879b7bfb6dd1506822bf72904b57b2
a9744bd71e2f918ef723d1146de8e9a3d7f5dad47fe14bcd784a882949eda469
603d79684533845fb11452918fcd4315f91a8572724508da2b249940b6d77c7d
 \oplus 00a1900dc94bb8cca9556163e90b2c7df7b35fc4b310f9f1f84be463fd47ec3f
a9d7f44ff33544b0d9ecc69388b9dde7df0113eb8e5717674b40b302c1368ba8
1c0a2772ed87ba4b6071fad854f9f1e6c4f77d9802c55d3cd2bcdb3c50e5199
98363f7cf74e342b13a82466f6869cb5728c7fd57abe6c4472febcca91f6bd49
For G' 59da9faf5fdb2ef0677646bcd4a07a7a82defd81b825ce9eed130294a2c26ed5
a50f12ae434108d374e6b020d504cbc7abd47b6f789c6e499c1061e9626f8eb6
e0c3c17cfaeb5604c5f3eab261d6caed88fb88fc0c7aa52549ce75c849f5f83b
1aa53adf307ba611e76db1c318a63473c54a19a59ffa74893f3e5296dbdaad9e
 \oplus 003100c50d27576bac36ca6e3d629323409c8a86ea60e1024d1a365459282a0e
fffc1fef4be7adc45b6c25d0ec99d1fa34b167fd4c7c9624b09d493402cea02b

31c5b6764d39e20fb21f3daa10f01c2bc46cdc843f20f751103c47aa18f32abf
a7014e172bf5c7491fd6068d45beac3bbf99b610130894ebab0860846bc6177

round number 153: 92aefdbd6506b7ca201613ef4af4f26c577bda89181f51d15ed3e7cda804fa54
dfefbe65bb88cb1d38a7c653c7852a06868890753ac63723620c70517ddc1ab5
7e6ca5f3a82bc597522bcfe8a776bdbbbaad0dfgcd1e1eb561459a8ce3f5f0f8
0b4614b27db074a2bc76f7794bdfa08b96faa708fb649e59da258a2721c1343e
 \oplus 00f077cc7c621a38a2fced0128d12222bfbe0fa2849ec71d4fedcc5992d516e5
479c7e2ea1715674fc71b3ff95e2892fa4eb07798fd2daf0e8a78f1b3575466c
553aadb98b1f03ec9c112752b025a35a98f7d89fa7cee33243ae45d5f8aeced30
c34763ef2a550d5b085fe7b4c087def8bb765a40cc036853630cc2a9c13be920
For G' eb9f6a52fc799bcb408cd2e9c2e959c242770752452f9ca00934c0fba44db5a
f30d4108a6a5172f8a95f0399d1a3d9f651c9234e0f86d2c8d28dd60a12e9dd1
06770ab7d2b40b77ecd7187126d6c64c975478335a527459f232625106d284bd
a474c81b8e6158f8bbb74e5d18deb07eb382c49ecafdc7858ed49e9d66cce959
 \oplus 0001ee7a6aab996a1e391988b2cd6c5a97a7b6ea97cfda1eb7f488c70b8a8a47
a129949041c955e4b2dcab847d4608db0a8b1bf8a6a9d9a5140347fd930b26fd
61026badde1a8bf72a5822eda9f8aca3ce36cdc7f148bfc4b25dec8c379a9970
d9d36a7e2c66e80d0d19069dbbe6aef567510cfbe4ca9892aabd01c3a6fa45d1

round number 154: 5e8a711964adf282eafeee6225d04ee8c5d52b9c8196cc113e2b943ad1ecb198
73c04b1af99d69c4d675ac5267a3292263970cb514edd38aabff4a48a95cd92b
56084a2334c67bce3ae8ba17531ee1225ad5606ad0fd8722ebdf591b5b1dc8c8
01775d57e579f9b42910cd8b587e732d8cfd483767f60ab929488ee0fadd1e92
 \oplus 00f584fe809ec3d47ea39cbe97f7d461fef8d93366d0c067b233fba7596cdf9
ffc6cbb821acfa05582fd2e5dd9fc395a199cf84590aad1a4f93ad4994797cfe
24806a39498d8e65ed8a041991e60679c4df9357598b674210d27ebb2567b221
aca8a99b43377689ce0074fd9bfd7c4f1881fb51cb170f13a4baa56a7b675c53
For G' 9e842896d202a15eb5cb6170243598d5d0b1b8d2e046bebec0483ce1ce511d52
24d598e76c42cb38495bbde05c35446f9789cc4651b489992b9a9d3225bb2c67
75611a0cae8080c68f3a9c8f2e6aef5962b5f4ab1acb9d406f8edd31481dcd7d
a7a265a207b0f5b6ae48c0a3381e8bd4d3c8652e375f1724699f5ec036ac88eb
 \oplus 007d352eed0ec83175d5ad60f5e4c73229fffc00589d5dd84db0ceaaea78
d0a2401fcfb93e014b54ac6592f70cbb2d1f22d4ab9047011333ba57167701d5
e018bc52d656457a002e1f3252ef0f217038ab5b00983a7af93742e44aa9e9f0
14ca4a58926a104ac6c2b279b3224cf64cb731223915033bb5c7b06fac5e4bde

round number 155: 7ff5e7e4333156945d72dcb2279a893b2df2afe7460c768c186f9d88806e618c
0680a2d83193c18e5a7eb7ba3ceab7c20ec3314de77e90e46ce7013d25a5d572
88201a7d4bf5abd762be0ec2f8e75b9e0af33d8976e060fb0d27a07e7a7ae9ad
dff4cca64e8f3de710b976c3830f62947cb366ace105aa8df22b8a81ba42c15e
 \oplus 003834a2a69c50c1005cedf27a588c4cb0e89bf96bbb14a26671fe8ddb16a0d2
faf19ed3667ee9500d2a93368fff75116979eaa fdf292ca3efe450768d5dfc90
b41793fc74a0bc165f268e5a8bf431d5a36123542cf9c5db326152f34a6755a
3755c4647d6b6012c9060f794f9b319c6232160dbfe943047b2e266083d90d2d

For G' $f91db83cd24dda2963ba62b6bd4a6f22e472e5c46e6239d90715100fbf72af477d8f8a3fbf539020f1185cec248d4ba96ee92fa24ce9838a9276533cc2db29579a65e78d6c5bc8f1483bd7c85e078128d5ff01a53a73a96b99fd502b4248db3682ffa95dae5fc688a72da8b3cc7229f7f540c0e4a141fdc58eeaf9af2c3359e00a68b3c91c89d6010c2af4e898f10457471ea2ac77c7a071d6f989148f5115a851508baa7b21aefb65492a16f894dbb0cd03ddb7793a45964d6f54924e51613dbb6230e60fc71813ceb1916d7c07db555f90251d2dd0862aeb79ef4d5ccb953b6b60c54b6f5f4cc8fa7707c9ffd6e6063fadce9b4b071734af76ebda4eb6088$

\oplus

round number 156: $cdd34695ad06555d2e31405dc205779d1a341e2db7622e7e1e63055b78c15efc713c0b57ed28de5754248cb315c2d367badbe23857bc478303514ba8f829e23c3789813f5517c13d988098731c188350c52fbc342ffca6be01b5514edc9cf7e8a108c233e45df5d9bf79bacc9453081e8170a15eece9898905ace1399bcc737f004f60eb4cac4c81598d6fd4fffb59e4b81e3d15bd9a9d5ecaa5fe23455c7784cf02746b0be8a82027efe8e323d048e4d6b2c60b1dd32fc1168c3edc4ad33493eedd5f30fc4b0771941444ea6de1c062b81a5674e95b5c5e799749e3c2046a068b8facfba1c373468a384121b98f150d764099ac149e3b3ceebc9d40f78b24bb3300438540c286f90965e25bb6b75a36c476819a599a8d1ec991b3023baef2cdf0195c4723edb945176fadc199019a3eaf21535d3c61cdf1907ae8c8a486a2107d76b639cd0e2868a46a522005a7d8a6f24b817a32f417284bf661e834e0de99f6c16c1008a405d5aaf7a33a4cf1caed0e7fea46eaf1219c12756285516f900336b3867ccb1918108d7f26f0b28e287673403c817704cc6cc01a39f2c3999f1864764f6b45328a982438b01a0c58efdcea504a114a7df341be0dbf6926f80eee1bbe976aa0891d984c04495f517cbcd492b20f33ae1e81f63b455b0fb518b862f94d87fab508e08b4c5d7d79a708be8ab714fc994fffb9e1ab2718a6dfb$

\oplus

For G' $9c267ee1aa19dc77bc2f893dfed20351b5fdfcecb87abf2c95ab94c9499843dcc2c115d9654d5565a723d27ffd7e9f7b0ce58e661757f123988453c84d175096454cc5ad3714a81c1dc3dbac69f56eeae19536169137be62c25d0e0bcb148c9b038fc5eac36aaf9f3828db5ea870b8c06e1c740fd17b239425da4db3bf85bcd009ec7aa7d7b25b0e897cc7e4b0c1b6802033f9217d50905e0719e04b367528fa57c8a6979cdf37d6ec8b2ae82c899ac3880c2cfc98adac4c2360ad1e64097fa1db511ccd2124fdee1b240fb92648cc1695a6ad8080506d42023b79da2cf91c29c0692c362107dfb68bf7edcbbfbacefa72e9fa4ce565cf0de0cc70f32e2d0006b7be28c73177801b21034bd9fb8b1a34282524eeac1d80590109d17976b3c765e38b197be91ec952c26c039c414c3618457fc28c6120ca46108135214cd9093970dd0bba420f97dee92649052cf6d1f02aa5ac1cef6c05495d5bd841b8f1270eef8c8770f555ba24366ed9b656c25384c8feba73beda0208c7130f3c902bb000ba5b488c646a2f17775793f0af37084fe3383d93626fefede770b8275589de29d4660e5ead4826706a8bc75761da21e410cd2d181fbd222f8c1c67967d2fb25dd71d95c5e4ad25ccaef0fa9574abccdcce9bcaab3477d1232b96a7c4ff07b4abc48ab7e1ee3efc50a0c7e936b01dc2661dda92fb1cfdb510274b9a71f79cd$

\oplus

round number 158: $b8b94bd762f9c754b84543b5de1839b7fec37eac52a2f7292b274827fed6b269509b34ef99262b34ba8f897d1f705b884e9a29a8ffa5d6fbbe4fed6291e2f379$

\oplus *e1dd960163055f206e7d4154fbd2fc74339b961167d320c06677d1e7ed90b2c*
3e6e9dce26d7029b3df369517cc142fc932ebab1f2d7f6b283a81c34cab91d9c
002c8eeb9a9b71dc7bf27c8fe8c86f733d42f4fee5e7151a1d3db2402da5547b
c59a895a4578d062447d93898b78d6fcbb23e538ed69b604d7b3fc73b4aaeb39
ae5dc05cb0b7f8ff3b68dd26112bb77bcb75ccb10344b6268215a0af59f8786c
0ffdf703f3cfaf5d5767b0504748f76b52d5eb7e0378a667f6c6c894bd1ec2c9
 For G' *60de5604b551daf0c5654d82954bc127bcb1d197dce726fb4e679695e233a194*
c37ed17254456ef22a8e7c4cb209617fc55b2ef947e9de8699c9d52b731f6bb6
4a7c09e7fa6a2b2124729e052664a1c3ec31906afa811177be431a40e488a6db
2a727f96e16ba7f2e3a104add571e75e515512888a227b718e058954d67b7600
 \oplus *00db56df63f0880975a0cc92b0469656f2b3d634619de193067bb92dabf8fc37*
d404e7d025e3c3d0c1b5f9510670da0a62fdbb29675bcd8ed6e2b3689b25a483
a81f79d17b966f910bee857342d5fffc606290abf9de19c48e99861ddcd2781d9
3055c011b1d792c1aebef734a2bb97a44ffe4a735b2669f6ec7d81134794daae5a

round number 159: *95c53cf862b688c3b73f3a36d056c4c3818a52b745e233361afa67d373e61295*
01bdb5dc5efb56fef21af494088d74f5b9cc9012cc60ff69fc1111254818404f
80565dd3b2a7df55159c72eaf198bc884c75d01539842a8472ddb12721734031
9360be19ebf8666a94d9013b89b597c1fb51cff1af50d5756ed4a077a7df55b8
 \oplus *00f04aff4af6da52ecaae69b830045b447fdbbf20ca25b8453fbc033bddbab8c*
8b8211b7e3e7f15ca29157ac56458ef2c0ca5e613a203d2942e8e98d12574181
de8a9f89a468dc86f477224f1cd37d68f1c2d849158f80fbc1fe811fc4f50fc3
df1fa8226695d0dbf801f4d5b6f9f276588f0aaf1c70240d2c729f16fa0a6eb
 For G' *0500dbd6a152f9b0c58110250d57714e0207a3bd7ac768481c2fb849cb5da317*
7a36a271a6ad22eb3b851db479bb75a7a695d020b213084f2b6643e83acf35e2
63703681fc44b02f9c1b7664b15e05ea189ad567608d3f57db7b9d29af27021a
27bf8750bc35334d1f77e7fec89d1aaf1f61d3ac4b8d9df3849a1342a1d85a60
 \oplus *009ebb4370113197d062e1dfc1e33866b72318b2077f63fc85ff4b5fa924ecdb*
cf84da8e43f264555f1185024578494b05bcc56419e424dfcb5f104ba25f814a
8698953f853ed080d3dc75ea012b39970be2b123ee3642b5fe99228796ffa940
104d30d40a5865823da2c640052cb16bdcd311e71a3332e2dcf4b2fc592ac696

round number 160: *357607284052915b95dcad53568177c677e945494068b24901a7e0ce3db9198a*
3fa46bbd1ca7a2508ba3385ec8fa077906ce73f640c240bef9f8a85a4f01ce5e
dcc25a16cf03d3e1eb50a5ed4bc1e0bdb7085c2c0baa7fb3233038e5864ff24c
91449bcd913b672b591e76d2da08e69ed93f5b5e97d735bc138986c87ff35395
 \oplus *009689475f6f3d3cb5fc0dbdf5a98da44558cb0e553bceaca733516c24bf5247*
cee8e9b836a62739fc96701f25b39fe2a1230d0c18ddfa6c5cfe019e488625f
2a66b24778cf3cdef7cd3d72bb70c1c7db5b6fff17644ad17a8986a70b8f6d6
4f7dda23e7699b393b046d8269bbdbaeffd0186d3b24681a6d5d496ee39ea59
 For G' *9e6095d143c82715e3f1faccb44928b524bb0f7db80bb499d0f31662794fccb5*
b278ffe55f46be649498b63cc33ceca3291544abf72c90e03953a39890b4a8e5
e8a3be797a60af4fc7038eb0753c7d137864448ebb7de225e2bfae39d8ab5a37
f2b784b66d56cf22d521becdb1abc4c3b2c24b51beaf11586ea1bef8f29cf605
 \oplus *00e1f7acbd8932dc8c87b897d51c84d69a33d4eac74e3be3863532635a29d697*

*a8f7d53d10c04a73f993a40678c055737717a15975406e40980dca3cbc4e89e5
cab68464af307157e42213aff8400297b8920bf0f2e5e15cfcf395b3aee2d47f
a9cd4975af9cb26fcede3861c03d25c2d5bd4227f9bee276c894997fe317d6ee*

round number 161:

*e08e6f1f3dac672020a0eea328fa6232b18e4715537ce5a694b1a219064bcd1
4c82052a01856977354841ed49989ba7ed7efa581fbad2a5065843ab89ac01f6
a4e851b7cce3f3f142c763a6076eca1cabdead3fadc3b1e3498a08ff6f7049ade
3941ee7652fc12621a1b50b3b33d3026ef4333acf35da67ed4cfa690cab9cc35
00cb473466e2909e749b825b7035bc54cbf060eb2c01d2ba192f956e5ece0d19
8fe7def12ab2e37b7cbe652dd24f83ff8a963976c2d7c42cab1e89e4ef326d5b
299d691b3ff18ba1e0dbfc241ec45aff09bcb37b7287dcd9c9fc422473e5b1b
ff540ee1eaf7616892ee0909bda82c9c5e983c2fad1d79ed0aaaaff2fd31603d7*

For G'

*81627dfe4115c93f76425b6155ac63be88db977f458f7a56c6240123661a221a
8f2ad84f86f4176d0b123abbfc9d05e02e5f2826cfea0a15e69a42cfa210022
153a1dd550de1823219df8d7c7f84c0f64f7e499803791e4c3b8a76498e485b
7acdc3c2ca7d4d1b9f86ac7196e101677f09764711f32ea6352787118b20eb9e
00c74639d9952dcacf0d431d5146b1ab50d0d852402d333e021ccffa9c0894b3
fdef9585586652b44a67dee43860a66a4ebac41710ceeffe65c0e638745e341
cf5307e88c14b449ecd7fa317d49d2a8ac57bf15391db215ee4501418e6ce7ff
a3ed6b72a3fa4231385a27e5bb7cdc577923b92008d6b4a35c02e620ef95d303*

round number 162:

*45282b5b4ef7be543b6cf858cfde667a7e27fe7f7d371c8d9e37775885c0e8c3
65dbdb2b378a0c49f624c09bd7185867e8c32edd6d1689ad46ca4f669e6cad8d
7538acf31eb4b5ccad6446828fb35b45668cd6b1363f9043f4bd4b03ac1c5c6
15e097b80b730a88f559ba0e951cbab1db0f835e40df93de6559bf19afcf2e0*

\oplus

*0071d13ce903fa7d8a92cde2f8e8c97820eed0dd61e6a8aca8d0b36ba4bd7f31
1bed6677916694a821fc071b335603773b068d15125e6b02f4cd7c8735f9abff
6490ae082e4ccf3b343fc258b8c7d3f32d01f9eb73e6ca8ed7bce1215bea6020
15ec82d7e6d9bdb54461a1358bdad315d92dd3558756c5727ab3fb3c4d79da7b*

For G'

*a53bc79880e4f5894f187c0ead215d80b4f2d05a24968c438ced9fa12b6a972
c52117d37272464fb44755bf3fda38a60e5ec31df24e5eb835aa4f7d64e363da
691a3ddccaac6acd4a05bc013656685a18c15ca11ecb0ba27e8b37c7e2afa4d9
20a8b069870f2aa7dc8b942d9ddd30062acf6719259a056925613164b5389d81
00be201004b5054ea57b3a6eae8cca474d0d1bf59d73ac10bfc951b3eb663caa
9de5fb82f5a6b39ffb3e570911d42c4df276ee15bfc656a28e742976879ffe9
aed4626481b4430cd9e4e8c06f7a48e7e43632cba10da910ae431457336e75cb
291d33348b07ffaa53fb7182e8fb32771ed5e5f2e1fb56763b3a215802d6a3c3*

round number 163:

*59fa67a7f44429b1fe35ba3736af025ec92ea21cd1b42136e7c433217d97f27e
36bd5ca6ec98e1d7d8c780e44e5b10d3c5a3c87f48e2afb20733e1ab95067211
a802fb30f87af799f98630903ce6477b6934806085338ae8f73591612ba5e600
0c156fedaab73db1381b3b1ec669a40222500bc78956ac1fea4425e2b6389b45
0024cc4c98d46578ff3f4812eb94965ec7f1b9e4287abe0264dd892db905180a
349a2083fffe2ef2ac08fcfa47a1ee7c4cf5e065bcf8350c24971fa218c4e817
06cdf6875d7f0b0a656be1948d85fa2bbc5f4bcb1ecf461521c911d27065cf3*

\oplus

For G'

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round number 164:

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For G'

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round number 165:

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For G'

\oplus

round number 166:

8385f2584bc0604383da6115356d3874466509c84e9067c1a54d2f3b39e3cfac
85e7888451f0c7ea63466a445edf9f464236f03f3ac4d487078849f9d095d858
c4ec5187d4f5d04f7902b62e0e14ebfc282d084d853bd21d4d0dea0c9a9c33c7
ce5fb84b1829c193e154c1592c20bdfcf76e6abfc6a2b2d0c82390d1c1d11209
b5835d0c08d50d8f70e5af75260271341a82ebc461531f1e5b103cb7ee3e42a5
00f68bfbef6fd2d19d4ab7ae0eaf155c141d98989188a2e240edd0b8e7e8dad6b
594c7edf3cbf350df41b1d7230ee896e53627529cb84249d846d0f8b418226e6
46cbc87bd1c588ec379a1e0de5f5b9ae9af6303d5fa4c0210106410241798fb5
6673ba91a493f06cddb3fa29cc9c1e2fdab3ba54e773d5f4f7e181d8b4da2a

deabeb6c904cc9010af225dd3b94000edf1bf8f9ce9f348319ba0cc492ea7402
277c251366cf2574cf7c1e09fafeaf8956281af41a9abe23a4fe098dc2ba06ae
cf0db7a505fc939cedd104b163bd50d56bcbab34df7e89a529007c0ca3baf38f
909db5e1775df2bbc15a0bf3049c766435020fc7c6cbde4f090ad98fdb54e959
001b5c5440174f4d942c32c2f077eceb7bafcl4ddd4c71c503e4aa1a9b2feec5
fe20ddf907de5841a316243bf6014071f730e4da98599c4cc51738cacd120fcc
80510e196c5d67ec8539f68660975272ed9a6bd61bf90323c1115416872d4313
c0b23ed8d97ec16e6e7f01996588542d8fa9f3744e7ae1e2e47840492436d086
11037fb70deaf3b7ed10a4b42eca8703ef79b6224efaa309554277ae1875339d
a02f58e84ae5428d19ab5c3efa62927b4f7d644ebff680c960e587db1e152188
947030c9ec497fd6cedf54c9d504526d985a82990672f1c925d1d380a89dbcd3
f0e79dac46fde3ad5a9587bacbb0d6e729d06b35b46ccbafe7dd36368a988f85
007f255bf23f047283b8183c26016a82ff53c3097e587e492442234de36e5369
61f2b3e71269f79c9f1da52829f8863ff5f40a1d33bfc181d26912cc2b6e1d28
a37ac9cd57e54aae4bf1bcf8f131f4bab7c138dc65d0884d2076c2af2bc907dc
dbc f885e3d8d4521994c276d5f03b4f55dd1aec1e4ff959bbc731e137715ad7b

b0b738d05b864c9ede171fcbe3ece5a4b439b413d345461a5ea6de09c59ac7d9
5cf8ea61117d356c6a3a320cfefeff8a118fe2e82c3226f61e931470fa809624f
5cb9bc69a1f47068e8f237032a02a78651c0e2c4878a86e811281a2497b09c50
2f8b39ae2333d5af250a6a61142249baabfcb388b13faded7299c6ff6239dfde
00fac4f8bd961b770c56407818b75374a23df19661c3c2bd7ee046ca535c3aad
94f4b8e57b92b4f819dea2b70f5590f4619f80fd0b3961ad80a1d3ef04642ad9
0e18fc8bfa1decda9f11038cdae40e4e07dd37bcb9db6019f80a6efbfd774cbc
2946bcde1f8230d57540e998fbee69c8f8027586c9643e592033d7aaab132e11
7c5aecfffd5f7c56ea8bc8808cbcd81102a752b30a2dd40710054e3fb1b60f4c1
ddeb0f588cb51186b6f916d39a1444ba896e538c494148b28c9517357b3ca037
0af904bbac3578852ee8312435a6d72f9bba4563a2798405a7112f8354bb0f2b
2815f27b70a68cc3d9a0d794b362127401c5f450935e345bae2825fd8d22fe11
000408f4250c4e92f96e8e176b5245fed204e58c62632b1494d10fe087680d6e
7d38cd01f5befd99e06b2d34c368f9e50d39de2c471123db3d06c33c70eb1e99
eceb5d5e95143e5cb95f52e5bfde77bc2a9517760704e4135b15f1242dc62be4
826f084e8eed198f9e7962658ff8806e92bdaed9711273c0b7319787404ae905

4dfc28e61057e9d2415fb3fb5bb6d016044585b28684a7204698c396c6fd74c8

	0c52846aef819473e490bbf0ba68557961ae7fc81b0ecc699094e0ac6d489652 a140e25be99cb277e3348ff0e6a9c8561dd5783e51e6f1e92274df6ac7d0ec06 cd85703cb1e57a504a83f9efcc207253fec60e785b93b452aa1155c92af1cfb0 001affad9eaa70e9fc85331fa988e610160955ed3f3022093d93a3f9d2891f99 b6fd0605042a3abd72abc9e60bd01b3dc141ac762ca75169a8f63bf4f243fbfd 0394b36e34195659399b2cda3010edfd730064c3a9174333072ca265f9ca58a9 c2654ddadac2efe5e1d8b8437f7f67a962091efa126bf04f2ca975255bc733d1 5ee40bf0fb8bfc51d2061fa0bfc4eeff871cebcc0be6b659485ec1b9c08f9afa0 d3c259790bec1f56923be7597cbd5f84578da00e506b69b193d4090bd7beaee6 1259e5392146d997b763c18a7aa093b12f5215a57d6016fc04dea7797d24cfaa 7afa35fe4b954c47d9b5f13c9a921a93785a89e24c479b1919b27acd6817147c 00d5fee0ae38efba973c2b622d6d3ddd4577697f7e068a7747c8af0874656b4 ea8ae8a29e4f207d1a25caea684845379324918548dae87a05f081aba71fdbc5 eafbfc42c310a1e8cd5efdc28b4c00bf8ca6aa698a24f6cd052d975172c1fa0f d3a274772599df16bb280d0cf7d5931575e8fe870490106733919a435378f501
\oplus	
For G'	
\oplus	
round number 167:	e6d74b8efd993bbdda80e4f23e3606124cd05fb9b485297b0b606f14746b51ba af826febabaece963b7216b1b84e44a0efd3be37a99d003862db589f0b6daf2 d45135dd85e42edaa32ad6b925ab6ed51cfd8f1b2da25587d0f3e1ab4af0f e03de66b2795b5ab5b41acb35f15fa9ccf108249f8441d86b820ec7136fc614d 0084b3ea376cb3953e813439f8cc72c19dc54e3f3f9934605ef67b850df61806 18a3e41f950716882afe16ee249bed01fc030e6988dd21ff5e7c582396ef9785 ab93e2174740a7a1e2d2354c3423ce87ade4ed9fae4f620014f23b80f1d9b924 44897bd5e3ddfb7208dfec4034be67dd5c02b105c1b8ee78bee0e0676617e5a 31f51ff16872aa7b75dd169d123d25a599ca57498b0d33f190916c8fbff91439 48b1db95a33f2b881e2db314f51ab3c4a9318b18b181cb962488a070a17523f8 a2197be256787f7a3d3c48f1ec930ea3f4bfccf744e03101f330280fe535a5a9 5841896e0c9351629dfc30e54789860db2776548d78b7e2a23e08e3b6fe17d5e 00f87969dbe2135883b1a3085bcb4ce227ba7e6f6b9a99ab267630c00e758f71 2f7b587423fad91a840f87de1ca660c39f5bbdee258552caadc4c57ccd9c0e77 07d494a9d1da1a481cbfa0df97fbb76173e0d22536cade982150ad4ff38b6d7a b9d66ec0c38f1373cbd83710e9eb02b117b0fdf9e9fccee058f0a3111fbadece
\oplus	
For G'	
\oplus	
round number 168:	53f864caf58828e401d0cbc6fa74d3d11511868b1c1d1b55961491799d49bcb7 218bf43ea9d81e118c005f9cd5a9a113d0b05e214021c73ca700bc9d8238277f c2d7cac2a4897b4d711f9a8d0665e978f810675ffdb8254c8f34beeb6d162ba4 b49dbec4484e7c7bcc52775c5e1ce11ad0a959a45f936133cee277409d1f17e6 00a388f2cad23169bbf95a659885848a756c9f9c76cfa850793a4cfd9cf774a 1086f8a9a87e11685a741939860bad88c6d71baa9a8b0a6bd503a1a8dc159e5c bdeb9c64fbda35afe2ad0b56c9003cecf9c8696cd55be865d87f499e8d8cac92 d8a152ebecfc4aedef45e11dfcece816f27b9d53b8fe3321f84a9d76e3c161d2 0d6698b390b923f66cb59549f66947be702926e097aa5ab6e75c4fb18c9b4867 ca83e180c5f2929a2234cae9bcd307366a36f69404995c894c650c6ce92d8fa5 cdef4b87a265322183e82e7b68b9c2875f1ed2722aef99d260854016bec8d3e1 97e7aecf1c4211562407f5ae6284bca5c798b13e77b0ca7b102d2a705ba39031

\oplus 005db6437821f8049fe4b205b6b767d2cc82ee fcb6b91a9addca5f24f8ee16ea
bfa5dc84ebee1ab4fc7fd7ccb55d88f1e5f9dba9d725e7b692f51b69d12bd81a
899fa88353fd2cd2b30e5dc5157a5339f498ad0e6ea49118d50d0c01d3778230
9fe78f66bf7fd594837972065f041551a0fdb4b10cfbcdcafd7b89ee80bd50b2

round number 169: 5bec383f5a198dba2991a362f1575b607d19176ad2b305ef2edd846486cbfd31
0d0c9701a60f79d67446a553a20c9b1667458bdaaacd5772031d355e2db9237f
3c56a65f534ee293b291dbc f65d7b601d80e3328e3cd29574bf775e09a87366c
3cec2fa4b2369663179641a2f0090c22d2c4f7e76d521236a8ea367ede763453

\oplus 00966dfec876dd8369ad770c78756791705baa283af49b4d7628dcd1b35dcb9
3dacf2dbaa1f14f9268ab6c2031d42e998847ffc575743b7875adde37ae540d6
9d425f94e068d2ce904b6e88b99a8455a0205db0639742d9beadf3fb2d9187c6
1f6b35d28bea50d2e8ec6aa1ce9d1abce2efdb828daf7560a2379d9e526e430b

For G' 3b2ef0e898dbf2f351274c40de206cbcab81c2113402c3a96109574755e8d75
263d042e1c882ede4b1d25098e8fc78fcf2d3dd3bcb3fde901705380657bf44
70e304f1981ef330e673be7dc391beab867f7c444b08cab5884c176dbf51d108
0021a9a33dc4c2a77e87a83d80a9f46765058f7b4b07b1ed56a39edb1ec0830d

\oplus 00a88f91702f98058fee2505040be9904d24a7691546df7da9cf5caf271855ab
c1f928cfedc526c55fe37ed16017ccfa2a6960cd65f590de4e97adf8751c6c1
f07db8d76aea68d3fd82989e1a7e7ec1f810e284579263fb73f7ecdd4f289ace
66a19bf4056b8d0771d8fc6719283d02c8955aaf41d7db04450057e1028c868

round number 170: 7a55c1926f503940db741236d00d196a1cad8511c4c5bf9bf09a99dfe218830
a065da0c106d2f52cc1391a111d9fffc1f426fd9a14c58447e8bd575c63a9a1
14f9cbb326305d22dab547dc4d3254782e6e98805a6b8ef55a861bb716b1aa23
871a7639dcc6b1f7a2b033e94169e302b2c65e0fd67560addabe08c1877585b

\oplus 00e3ffddf5c3ed734b1696c12c7eeaa276328ec667b5b44c9c6b4d1817ff891
6464410a731c537c72dca99e3e6920632615cc9db2883887c72b00ea197922e8
4e1fa271bc2f1d12f57359c1d4f2e53d6dd32e6770b40e42c4e0c2fef67b4042
ea5712e37fc217372622a7c8b75c2e8947f94c3a297be814e4d13f01363c6618

For G' 867f79e8f46af6dec96945da2b852ce6ecbb480606f3473fdffc9db5246d8dee7
c42ce1f14d081b14fe5bd8ee980b75e5445d1ed94eaf00de80a8c38106798580
9ebc26f2f49be31bf126e3d9efc06a7e6f9ec01c9aa94efbbbfbfb0f0794bc666
8032597d927a77099a27fbf13b77b7498cdad1bf1acc5d12f39ba50ee84b653b

\oplus 00b9397368f26b294fa7fffc9fce239b05a8d6ee938a9ef71b60e2446e5156111
bb06b670a2cff4850a934709771d55ead7c1a63fca45267583a9cfcee5f635e8
7bc8fae37ea426cbf4e1a09f09281736fd6e5e4401774e9c680bb042f41d1455
4fcbc63bd65f3db00ef50cdea91e1b255442a603292628b0fc9e50c58254e725

round number 171: b63e4f900c0797efc57b5ac2caf7c03bcee0bd7a3700bd76cf1d4c7f5e70a1c4
019b0663717c2ebecf383f2fb0df9ce7e1ea60289cfd0380c3bdbc451a8b495a
e669c29a1f40302fc61e1d99c0b14543bdb6e72adf80b79e66d949e0caea616d
4d64daa304a6c85c09a4f623ab0b96cd529dad41cbe1e397adf8d2e4b3e437a

\oplus 00a40fe9e45d26a0378487b5e4c28157699db64ad3d41a81ced7ee73a2c17f59
7cfb90981edec9c1a2ccea247cfa1fc754d1d06b6bc4dbdf fdcfcf7131ac2536

$e5ae9d86d27d7864e46969723a8fc0c60204c08820f8ac0550e03c018cb3d2f8$
 $c4cbd29dd2b8df023b9ce0503e7706eeb674303e597daa2488fbfb72b80e6fed$
For G' $c6409b9c989df786ceba13d7671556b63626ef3e5aa84e69c7ff14a3cdbff67f$
 $2a5781efc7ef91f4c89fe7ef16200f939cb8e684ea26ab03010c4fe38fb068e5$
 $74dc118a3fc5d005c74346e6e87d4892f09e589bde0067d3f000b28d56d233cf$
 $f99f4644254ab994d2f72f9269ac6cd89877bc33ea75a20f05f5cb6a1f821e86$
 \oplus $005ab75d831bd44cbca20eec9223bc3049ffa2538737f977dcca4bb0a221ad79$
 $cba8e74894540111644250b80bf7b5717eb52a18f05c80782e27efd80eed4f1$
 $cf6a96d9283dbf2394ffda2182672bf85c3dd33803eb93756db9f153dd6dcc48$
 $421a066167f11833557af247982e556fefff8dd19d7643356d2d3845f8e50818$

round number 172: $9a4079e85ab14ff2ffdd772e35416ca77d0b30e4d4a7f701caa20cfcb1de9d7d$
 $6096fb6fa2e77f6df4d50bcc258320b53bb043f739d85f3e7272342b276c6c03$
 $c75f1ccd3d484b227774ebfa3e8585bfb227a2ff781b9b363975e14659b39589$
 $af083ed61e175e3238167374c7bf82635deaea45c3b41df224765cf3302c97b6$
 \oplus $0004da2f84930f45e495a0f49037fba347b3cd4ec6ed987f1eaa3c4beaa6ee8f$
 $5ab5b6a788a170f16a29854f7a883d6ad11e5a29c3ae3a1992c73a31fbc415f$
 $f56a5f5a9dd6bd440cf326f1fe5f1f92965e66538c551f85c49d84cac7f84655$
 $a3ea9dc6ed924536f72d2295adf8d20afd46ee14fd919428a52c8268f88aba3f$
For G' $1a2cc11b8623ca72181d3bf536ea867fd94d6ddd9fb71e1b325f136f9e5b06e1$
 $ff66a753bb90e5acddb7571dd7bae2e20dcc9c1a7a2b7b2f2ba03e0f5ebc14bb$
 $b6875317f86f2653bc9cc76a1a636aaca38ba3ddeb4a69db943de8bbff87bb$
 $85402542bba1a7878ddd5f18239b7778831e27703e13a68d8f32fe767169ec6$
 \oplus $004f0f49f915d656dc4c1fbb87de8c2ccedfd85b566494ba1bc0b7878ce3120$
 $714077b6829dc650fe657b2c0c1824c39f1dc0b46027100182d3ed03bda9fe6c$
 $a13dc099d313714bd34ab911c57bc00fffb3b83df149a6dadbb12ec3d9552389a9$
 $88fe258acf56f388944e4882d6c602e0e4390efab6e29dacfc637c71ea4a617b$

round number 173: $44a3c7de2240b71b48d7daa57697043ab8fdaa124a6f7ed40830b75b7873f23a$
 $234dc82a460f9c9efc8e835f0b1ddfeaae19defa766527e0b50e1adca12d5c32$
 $354397a09ef6667b87cd0bc0da9a2d2479c4acf44e84b3fde8658c9e4bd3dc0c$
 $e2a310f3851b04cf3b51e16a475069a0ac04513e2589da815ade9bc8a62d899a$
 \oplus $009ec7aa7d7b25b0e897cc7e4b0c1b6802033f9217d50905e0719e04b367528f$
 $a57c8a6979cdf37d6ec8b2ae82c899ac3880c2cfc98adac4c2360ad1e64097fa$
 $1db511ccd2124fdee1b240fb92648cc1695a6ac03769749f61c10cd39e7ea7d5$
 $bcfb4ac362107dfb68bf7edcbbfbcbacefa72e9fa4ce565cf0f0e0cc70f32e2d0$
For G' $63ce527f361c24c451240e8e976ebd15a090582ad1575093e31817e69537c18e$
 $26d0e5390d23fc23d22c31dba2c62192d15cae1a0c6b2ea973d30ce315ead717$
 $ba938e2b7c57186fd67e7bdf18aaa358b02002ff6ecb30086d1d52eadc0e120d$
 $be00c874f7540f19939d7354fffb5976c08ec8db503a7c4249053968d5cfffbd1a$
 \oplus $005828fed93c8e182329df9239fd12f40e040705f191fa867547e0c0825f64da$
 $0301566dc0394d653e6b089018dd794db91e07e415c827248e2c5ad3dc3aec3f$
 $9e40b8946a40c9f1340a037b22888cdd6ff4099a65c08d3b9b0bb1dacebf4e2c$
 $a5c585e5e1d7eb343c5bf9a23198102c4da3f6de01a47e0acbaa9155a44578b$

round number 174:

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For G'

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round number 175:

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For G'

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round number 176:

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For G'

3d00745f3b92aba04016db3d9b1f52bafef95805dba77d1e841295fcb14a0b586
3142433fc26fe3924631f189d5464696991c35bfef fd247738100d476dcb828
f6866c4ce429a5667f4b3b48fea1e5109ec63479edc76289a4804dd5ad7bd95e
585a30e70b793453ee9fb6fcaba36e5676b8c4696cbf4eaa00970fa91f6b4a44
00a05c6b8ac1eb8300d71de23799c539622f48c328108fa8ff6de2ebc38385d0
4421dab1c317f6f3bbbfa691380dfd7c0becfbca3e3af7de4bef7559788ec38
ea47a58843fdc85de92dc36db2a78e0311c697c5595dfe4d776f0b791f6c9f5d
9533f596b0bdfa764d5094662467c417a1efcf156cd7c36ebf26acde78187a4
967a81ef20aad720dd11cae93afe1ae945f2f20c6aa15965ff7261768a55425
d1b354cd1ab146ec47394bba1b58df6842a9fe19a3098dfdf5630c9d03b2824
d336bf1617d19ee27478a43a222f85dfd40b650b0bbd33f616e33012b15c211b
c54d911683e42dafc68ccedcac166ecc36b2d8e3bd83c43ce93f9806bbea9163
0018c7cc8958e3de3ff9fbf04eb6bcd248c4dd5bb821d54ab0d09991ba19c82b
93ad868246b9599fc9a7a9da1727112abc34f924685177ddb0b8779d4f1c74ee
3db7972f4bf9bcecc6b8ca830426ae5a8d9197c7bd3d0899be7401f5009689f5
2b146ce11b7d7b6bf feaa8ef33d1b03c5e95ce8cadb1bf67f0a4d6721c13f9ad

a02834b153402340c1c6dfac8697839cbac89e92675e40be44bd20d723305675
63998e01781561fd8e5718ed4bbbea92f0ce751c1e8b0adcaefa12fa4324101c
c1c9c4a7d46d3b9666f8254c066b138f00a3bcb49a9cc4d3ef46acb2174603cd
69c571bbc4ce25a3cf229a8fc4aa41d7570b983a72329ceb656564f8eacde03d
005d8cd1d59b6b98ce39cb22ced9df49fced72ebee7aefcdd331731d99ab372
ea0486006b6c8b196ce0fd637317066e5f8a3453d7fee8976f19b1c5ea909a9a
aff3dbc252075aa59f84bcd7c9c00f829ce40daae827b701d97b3ba425ff6b8c
942937f909805705f9f1cec6271566ed367381b395bb7d1710e789b3c65a1d22
624623a9f23fac3228e75edd195d7cdc9bf27b7e8bc0dcef27bf86d2bc9c0e42
1ed24f5c081f738e9ee2600c7fce42fe9d073dcb58fa204fee47549f275ccaee
8128395c28220eb2c06eb926092b85599af2ccb6803b6fa89731e7b1caa8eeee
59fdf7989956c4396666339fc7def06827166f10327b5b199b4e74a7f968ce96
00ca8a6421cd63214bd1c0a634a5b73e5bb781609d80a5b7d463f47a2198d3ab
320919b1a60173560c88e919b66d811dd67b0cd6a6a7e85c92b0f93c39ce51ed
4bbe6b9647d7480d4af997f098c6dfb8e09afdfb4262a5d3ef81666848b9a03f
5ea42d4e0dd235d3d0cf6bb127c8cd0c33faf23d29d6d0f056d4e91aa6faca

75b86086db48d80fff148e484e5cd544e5ec7989b9ee42998e37e6faaae50789
9d08011379eae4e2b7e58e38acecfcaf44414fc975e24bc1e3a33fa9b48a866e
3a1f65866a6133f97c999bcfab1c0d9c47b11e72bb73d2363d971632b96841fd
ec4642cd4e72a636d35449e3bf273a61781989e789e1fc7582ed4b2c97fd1fa0
00a7c0ca5e41590426887603ef1172ed6c3fa2423c309e3df fd445e168b42932
3c258ec7e79a58254e91637c2b873463a6dfcb6c193d877e0fca69cc3ef04895
c4aa1f171162fd91b1e05c504d68d0945c1457181a0efc64a1820bc824e944da
fdd01973372ebddbce42d97e238348bea7e2c41954bd5c234420b4a2f67c5963
8ca9cdd3f2cf1363369e7b2df8cbe2c045fa1e16407958f3dc72a89d04dde92c
db56edae1e00d8926a8915c9a3c3e34b7c311dfe5dc8137cf7ada31e929b03ca
9652ca6ff546bf8a972ed691ed5ae17a68314dc259ca7b78b081d982114ed107

\oplus 59dad69484f1eab6a9582ee0163d6414ec9d2d1bad8be9cd9a9dbd5f92047c62
00f844c3c251d6028d74d6870031118df4d6618298d3017711ca5e74fe967e41
91c304090e89b320df60369073495a01fb9f6e1e97d3775f38e275c4de8c2e8c
295edcc9de99e13b42fb5d7696385ba7dc12fd3f80805b85ea0a83b2920ac30f
443751ddcc84cb8821385060e7d2885e5518d8908bddba4a680bb4137502768e

round number 177: 1fa04c8509810bd99cf84ba14da7a989d3dbcb85dedca471e3a31bc2512ebba1
2d8fd49e70bcc7f974ed44876bc8cce29e84a56cdfccbfec6956658a7acefbfe
b57a917b03ce68cd79c79fe674dd081ba5496aa17d2e529c151dfa9d81052711
965bbe795c1bed1d16909d9ca472dfdfb4dfedd5ca056c6cdf8e618146c375
 \oplus 00e2a3fe45f3160ada76b0a001837bf5a92cf6f9e658b195142fbdc443c003cf
72f7e77ceb988f6b12c563873a22f35d233ae5ebdf3dab1d8e3397c4825bb349
34eb398f6ce790e239107b865546b9643670b691a3b7384b06764ee2b64ea925
c505fad68b9c5e3dee50f49546e18cf3d26327792ac7afddedf177071827e898
For G' 518910309ec561bbeaadaaf8faf34db12c7f94d8aa5984cdb8f6e9fa4b976d4a
95e9a710896bb2b5e92359d08ab94a87ae73e0ca1b6423cf4fd6da4c172d46bf
0c16a62bdf5eb1d5d58be77b62baddb423b0fdd94a20fd5a8b5a30834412081d
ed87494875213e88607e80f1efec4ab985f58b26565387f296094ce7060aec8c
 \oplus 00209b77684fdf31ae5b60ffa1d7ae72ffed3c30d2e816e5a9d07757cb7cb51f
9e2e1aa33b1a672136aee103880aa239aa1931cb397a181dbfe517ab13b4ae52
6cc2723e6f662dfa528559b41bc9322cccee6ff18a376d31cf455bd4ba647a2f
dfbdfea0fec7ef59a7a5c8505466eeee3727f1b8eb99d46a0dc3091d0c6f73f0

round number 178: 42ef7b4c721dd3468efb014c24d27c7af73d7c388415e4f78ca60612eeb86e5f
7833e29b2448926628270051ea3fbfbdbe408700f114f1e765f24ef89548b781
91a8f46f29f82f40d7e460219bb17f9339dc30de996ad7136bb47f374b8e3453
5e44afdf787b320f8c06909e293532c292ed9a47667f91b200ef96699612bed1f
 \oplus 00aa566a37328b1b8c67688b3dfa764e7613d4110c70c2a3fa078eb4d1d4ff29
6f84f4f97ac49a00910310a79987fe89d8ea92d81eae0d519d29df24136c7440
73e7fa58463297690a8f39b69cd1aa2714a30100480afdc608eaa1abd79ffc88
2052dbd3e9cf8175697ce8c2a1a6919d812f45092389cb34ce6a209f0fe0e87c
For G' a98b47f68abe8a44f6ca075b24e3c3d392a8e878b1922811269ead80ebd8550b
c7bdb3b271d594df8db8d302b3e8be046ad101221e3bd2f033cde70499e8ed60
d4d415b0389c2f870ebecf7973ef98ef5e9228c017906b441f6b57fe76723232
3ab7e88be6d1d1c7db48a1bb8aa457b2d27a9ebdca53989bca45fa0a659f7c51
 \oplus 003e40b2e84e9783f5f9603c613b60ebc06ce2de2ec7bd3fd2aa7a1448f5100f
73b3f29ba87a868be58b234fe9bcff3e7bd480f300c8215ca050e2e78dfd6446
947e0f5f49cc9e2814112bf9d7c196c88a5313c1a72cfeabe0fc8fe2d75710a5
f6dadfc7d9d6719d1417fdd5dc9f988b48283772a90ae0d171862a632d3fdd6d

round number 179: 452d26452f585d029c69c719280a34812ea8298865265476a188a63f6c917617
b716625e8c0866b92410f673b8413466aa15d8efbafcb6f8db91dc8624c3c1e2
4f0e376fcab829dd6b59970760d5b42d7f31ded1602ad5635ede9c9c11c8db7e
1674046e7ca18da915e12032f5bdb4af6e17f4470d014c09346066ecb056342
 \oplus 00658208563fa55ed5e8303c3d4bb38c7e2f361619a7fcd64c16c2aa7213957d

For G'

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round number 180:

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For G'

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round number 181:

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For G'

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*fd408ec5bac29ef0ef0d8f268db3f7ff24bd7ca002e6e51780508df faafae1a
fd493fe0ae3741bb76ec225723cc3f05ec1faf8c54aa01a5945334436e40590a
fcf908e9d6b4a1411c5a9920492975a5cbee92cd4768c9977e3f6f6ea3ffe003
b5074462f01dc70333676745d8a33852c40aa69f55952ef434d794a32d4504b4
0e4129d9af12546833f04d5a54413a110581d11ef3f3ac939d05e31415892640
aa1aef77150b1af1aafe480a42e0e27d4c13b01b0bc95efff97d81ca1252297cc
6d374c3f07a05acf5f5c6e563bcf399a52a9cf6359784abbcd3d06948a0a13ca9
00839b0afc6d67abb6830fb3becb250afac5c11c479afe3638f4ffa4e6f6475d
24a59327a2057418ebfe01cca59d789bb3014dcb31dcc8d1997db863f9edc1b2
e19346a62d41d57c0fd053ac44f5be067ffd209a45ac3b54dcf0794a87d95bc1
178ad92218dc2500108d5f45794d10fb3abe4905271ab07eddee ffbba16361f3*

*48a44d7967f85c4981f7251541870d50871f9e7c81a8a0ed9e64951e82e36a4a
56ec9b36caf849cb1d795535f2c399585e0f25bad2d8a9a394d459de6c6ff8b2
47088f648f68661db5b55043198b28932e715d3480d4c6ca8da8df7f888274ea
8d0c87aa152ce809bbb912bc94c10a3d0fed8937b8dd57ed79690068fa834145
00b41c80e07a581e144fcfe48c9fe44cfecf79fd172b11c4933c51faf42d1372
0510cd69878739e5c0c9a1a6d93e0ffb6edc4cc865ac73028f73b0704ed9a368
e4a86211240c11f8d2bd09fa764e28b8bc3da926e58d56615d030c055eb22b1c
99c2adc93cbba730db638b632c25f481e4c2ed5a34f295ff99c9192601ad5eba
84df680c70a0a885e468f666681d583ecf6783120fd0c20c236b07cbb343e92a
e4bafe0d172070d80e4c96f1dc428ab6809cd5c22f644204785b77ec64e7f24b
89a9d77df07a66a034d3086afb99d2bec6212af939d4ab4b2865eba2fbcc0d7a
bd951d1f7c7fcf4fd1311342822961681786667e62fac51e3e96f301c25d5ab5
00d2137efb32c34854c706d6fa8277579c3a187a45d94b4b383e630cd8641b3
bb04d606da2951b4f94de21ac3ae6dd4e7f219c7fc3a30a2b90e456ee1b75195
d63c3314963b1a65ccb8989fcb34152fab05c7ed3a38b2ed8162f5ffbc0e241b
c7a3ca99d0c6cf85d283ab4ba3264d6abb0a4a7c81e6a17361c657d89c6fb413*

*1051f98782045795b8eaf1cd18e91c79d0e7819683b1290d58c4e476ce793853
fc565f4d7f702eddb0f4932bfd96a330d36972b774daa11ba7e9ae22b65bdaa3
a0ed75ab6477e5670859b96fc5002b924cf412655990abd0abd37ad6305ff614
ce2a6329974f3960da99dfb8e4febceb2f646d8c2fc212e0a019aefb2e1fff48
00fac4f8bd961b770c56407818b75374a23df19661c3c2bd7ee046ca535c3aad
94f4b8e57b92b4f819dea2b70f5590f4619f80fd0b3961ad80a1d3ef04642ad9
0e18fc8bfa1decda9f1103d7191b78f99c98bfc713b2f1e4957a1dfbfd774cbc
2946bcde1f8230d57540e998fbee69c8f8027586c9643e592033d7aaab132e11
0d7b728f1386b16124860b07b57f4bb6a42295ab8d56b890e8e1fb7ec5a8995f
be280bcd09216cf70174eb1fece762676ecc05d35e72a6c15532828550a3de5f
95e46966417cc5f86b90f5302a93ec3c917687ea772065f073c4fd00c029617a
36d786acb900ca03b2b809210f2c02ac8c2c02e31c646d5f50a4d95e32eea684
005bf41befd04ceda4735260ab5bb8852e574a6c64e2258064c1d9cd043fb9c5
1bf7f71986c9593f7212ab5f6033b0ca32801d107cd049ffe2002659b40552003
d215c2dd48c4667bbe5c65a98b8cb6e8ddd2af7f7b8897cb343e7ff7f81a051ffd
44f5efaa06a024f2ffdf7fd9e1bf6a88e35860dec93a648e4437e64b642798c0*

round number 182:

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For G'

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round number 183:

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For G'

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round number 184:

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For G'

ab3d7f3f924ce2b4bcb1b5005e4f0d72da7000e272ebb02624a2bc9d2502fe68
a2e7a804e29a25a92a319cf2c333c4b2f6f24a7fe3c0b627487dcd23ff07aae
f589209e6a09bd9748bab8dc1b536bd06cada24a225a343ea9672dcd28baa8e7
6cdf7f788cd09b5afd936201f10d523d766180ae6a62cb9802a9951850cd15910
007613d560f4180c8b054274abe0c034f477090d73eeb66cb46749fd790529f9
109f07ffcd5bae6cf3d144ede9353aabb125eb80c74f54422ac1528c71f2ffff
ffff528795e754476b12fc07809bb369ec14564a1c352ce63d54edfb5b8e64b5
5938434066ecffeb7cbf61bd766743c32a06e8de664d4851f534338b9cbb94a
208694fc56fd8c80f559671e24f3338a75dfc7e9b49d108c2022b3c197209aa5
d77a5565b4ff00205e5ee9efdc6ec446cdd4d49376393f7530e71e10f6fe5c47
f1abbb09b8a383d5cc9099a11f5ad44ca4281dcfa91943302302f8da2c7e8772
226906bfa0eeff14d6776f8ee9368246f74623dd55e09d114933f1556c93e440d
00bca7b9457e2e561bce4c6203b7e80cc93b3ed0991d6644818effdd63993eaa
1fb4699c2e42eeb10e9128c3c09f5b779d93b4dfc83ff86dfdee413efacc5391
d008a980ccb20985480592e2ba2ec42a32e36912c5f4a1ef712afee9da7046f
7f682f54919b4c3738bcb378dfc70e77f4acc31b62c3402c715412aecaabf1759

4b6cea2b8fab837b4f774f5afcd462e0709ef0105064a90c5f5605c07d791b2
78af2fb2fc18bc5d9e0d81f2a06fe1947d7a1ff248fe26562bc9f3e4e0285510a
767219ffeee9d023a844db9bc8d8b980b9f4003e6f18d89433c0367334cc5235
e7b4c8abe54a44a58941a266b260144c1ee238c061f1d1dfad620e906af05aab
0006ed90aef14e1739c13c27b02e27cb4dd1948a77c7aa5e4ef69848f93d2e3
3040c5352ed206228823b9241ce505ac6d4f9160a88f0a6e2265f271f46f9132
62d8c0948fc0f6ee884c03bcd9bfbdc241b79244fee25b66161adb60f84986c
f56cc53cae8162caf4cc52172fc55983c0996137cf65654d1f61caded40e57
3a33451383a2d6ee972b7c2744db86bce4f9392d8076c8a1ac4c1cf4b9a40fc8
ce3cf99abdee9150cfc12c1cf19f315047604cbe06c718cd095f2e0c320fd621
a31289741fa34d9810c08f34f8380e07062b5e8546092ed4105734b1d9831d5d
0129eb3175bd7a5fca4b964caf2a1880cefece3cca9138e26b07f80381535420
00bb6c7b4c7344136e1598e93bf1c7296f801cd029296f4348ff6d15ea7b0602
f027f27f08e418526c5efa0b031649ef8ea054e9442768e951f9efc395357e0f
d6d04fa115276b0b11174224d1e1089b8c6c5b829404c4a55b9ac78da932ee46
81e7ef4f4f2d8f824fd9bddbd1398a6c6c9b9018565d738c1d59dd53cde7b561

6a07621604acd6c76b6737d4cfa452b3d4f649a27a3035211a09d88844435148
ef3e1aef59c3fb68fba60e1a1b1cebbae6e44276d6f0c9efacc3ff6eac03814
aad96b612926cd2008d8271567425c9def791a20f6fd2252a19bc53b48ca5912
d80d974bcb266f7d8df0719da54dcfde7b59f7ae07878b7c94123d875454fc4b
001b05f582a14a9f270ab2adf5b9fa07d57b4ee255f7bfb3a1e2cb610d1289
1395aabb9f7bdf262932a576f728180f3446c34dd1c6e87d2a37decea427dfa6
576a15c24abf83da020ec0b699e8795634b31ba2e526e5c22c52816adb2fb72d
3c57189799fb83255e8b069e5c9fea78e5d150fbbc23fce75ee7026136f0dc1
882968cfd192fdf93ee4ce7f2a41958b7925fda95fa7e2e4b371e153df09ca3e
1b0be5b50a8902a39fd617f28978bf9c9c0185742e0702458a6c1cfa73aa82e75

\oplus *c2c6d50a84269301d7cd1029d9069c8a470507d20dea714bcdcf33c70b1f31b80*
ce047e3a90f5dd85922b977e1392eca2655e249ccc4b6e765e25504cb4e1413a
00c1da0d3d10b24067dd9399ffd787db3d0ab9096b5734e5ee06447274d2a98
5d4bbad0b5630ae5f727b7de4322d01754565f0ea8715e69228232c5cdbba4ed
379db954fecf3b954bf4573bb0760c8e032c78c9313910b34cfb5ea7b26d1063
1061e037c420fc4f3f5d356310c941071897127ba72ac2d52c7eabba4dd0f126

round number 185: *1c67e3860d9c584c6d857930ffcd13a9a1fd4c5f6f4edaf9a83a43254e43c1fc*
abb054c6b8244ed294ab6cec34f3b5da28876abca9e4e3d0fbe1384ee7e7b2fd
b37ea363994efa0ad6e7a3feaa25cbdbca018213dbc7908dc9445193e5ee3fe4
 \oplus *5a8fdc52dddec58d37b7703f9d225a69e88a755bba47793e1fc4da1473bf18a6a*
00c53bf1de275e94a2511a3f30b88bd48aa79524dd200be3bcac574d09dfc990
7d200264fb842a6d13ab65da7a90fec057044485ced73067a0a25f3fb12ca91
9d0cca18b9cf4e860fcf636bd39eda7ee650fdce1040dfc4bf29f196fc4352f8
5257b1f5dcaf03a1cd2d63091d41c6fe3085559a01ef9f053aa83edd9001b57a
 For G' *e8b2c2ec824fb959395de6d5961250442f44a034f0d6015d818514f844e0a646*
405f65bfea084668f1a02cca5a6fde944e084c48017a318443fd62f7138a98f5
5b6c5e7ae9a8949c3947126970900444297f1b3cd361f8810c82df039e0be3de
659e0d54d521caad76a21d035bada57dc936e76b61aca3725bfbf6f931b01c88
 \oplus *00695adfcc6f1ef8b7e534bd693c8cee22b0f3fca55034b351704be855ab54d7*
a64a3d91240777d3a2cb5b8a78635752706c90b593d3b916a70fdc35831616c
1d83ae7e83be43d3fd82989e1a7e7ec1f810e2845792635d7be1e8a383a5720e
2d9bf8fc400d967e36983173dd135d7739833c9d6a2375b87ca78ccb228d7b4

round number 186: *a2d877d3bb06d8cfd4630fcf75987d2b5ad97bb26ed11a14961468479c086cd6*
9056a243a064bf870009364e634b1a7f832e39673a90d681eb1dbd1cf5786c2e
72697b2081b48cd928c09579bb11a52c517fddcb874f49766da00519ad6d1c08
d86da701435b72b65a60f0cf646060b8220021a5980ce4c6e59f9aabf03f101c
 \oplus *00f3f5b6da5ba07b27d90a64b1a8fe40544598cb94e00699d606ddd5233d798e*
4b7cf34e0ba9951b63033e43a86ad603e55d2587b5fde2fbc4814b8ed5709155
cfe646aa10986b7f5f0e1b46ee38f40445f4989508ac3fa85b41d4fcff7ec23
a8a75dab8d4b86eb3e906b45d77b7d71acddcf1526fdc4647388959556f4f97b
 For G' *db98334e20a7a18eb8d268ff2edcaa0df453c8558635eed0f55f10114bf291e6*
15582ece0f31bb536b7740220c89c63e64dcfd92a98892e4f2be044bbb99946
ef0046a16d74fc4c58af76aee7a85d16ff9b884f39bdc776337a01dae91d048
 \oplus *05f5a8952c5cd3403a2c7086bef80af0b5dbf60b8fd6ca275c7a32c398cb3ce8*
001185ed06401bcfb8eee1e2240968b8ffb4098bb19d9c4eac5e2fcddfa1ecd7
59032fbc6333d72f9613349a89059e57960e5b847fe454fee2a8eb093e6dba26
91236e90071edad3792427b30116e0843e2d46b91ca59417c685628fc63a66db
52b4dec78577bec45e027fcec230b634375f34993548bf405631e2623a4ff12

round number 187: *2b8265615d78b4f3ba05abc430836b0e9ce379fa311c8d4012b592bf351558db*
2a510dabcd2a9c630a080dcb21cc7c66731ce08f6d347a2f9cf6922008fd7bbd
861f4a20bd0a6edd3074cdd5f22a6c15209442d7c58a8ce8141856629af02b70
cafaaace10f45d64f09b8ab31b1dc98eddeeb0bef120a296170f3ea6cbe967a2

\oplus 006a5535d13a5c3268e74d2adb50075a0a29a5ebe6a64dae511a80ebd90ddad7
363e1c2853c5b4783f1356ef05b0ce77cb4e34c9cd34259d730138a0fdb14677
5c4ec96679fbdf f60536569dddc f49713c25772b05a6cd2e90558548ff460e54
70f52edc9db62d0262601ed5192509bebc f515e786e036c0e3a88556fffc d93
For G' 89b6a326e7ba41003c891d0ad5c2b50be7c1de37a8729e59013f d c94537d314c
5b01726c026c7c f d6474b8858c5869f2d2a616d66cc61a1016e f42859423607e
d36a f a11c99517bcaed0d9e f6c655551d4 f e3de f3e4860a5b2c29268abb69357
417652a92b6d84642e0 f4871db0193 f6ae05421c8241d359192ce5bb6 f c3 fadb
 \oplus 00d07b6d9993770554d701df dee551026ab5e f f680 f c75399eeb5033dec045df
70f8 f d18ccdd3a93c8b7637 f03ccab440bb63898b7a0960edd7862d19771 f26d
2881721930b0395ac8 f768 f5eae b926249a64 f96b2c88ec4e1c2db2bd48ed243
d971d306 f a7c9 f076 f6 f5971a5 f4 f224a91526206ab259e9 f0546b f9718962e f

round number 188: e830548c42e8c1d2e2e6eeebd36c5496cad c11d7bac0ee43a f1254ec18820c1c
6f11839ee f281b351b5b24247cb211b852d446a0005fb2e f f7aa80 f54c3dcada
518346c4 f1b12b35429b482 f e525641cb135 fcc02c41c6844dd32a65b62524ba
0f84128d42706692fb94660238c0306101e1e0894ea1 f a1935b6 f3a416aa312b
 \oplus 0080aa6ac2415d0ed70cdeedd3e8c1db9e621d01c195ebca8435229b5db8d0a0
a31 f5d9d0dfe2d97 f c71144e7e9b00 f073a1996b775da6c19dcca a3b83652c8
cc08a f f c68a2e149910bd697055fb73705344b1590b17e5268d915ac7dcd1dc7
a f89707cab7b021bd0036de7c5be423bd10 f c682 f a31 f d7dcdbe7759ddf687ae
For G' 66d84b7e293605685e1cd50b27e4098d7431c1288eeb609 f d48ca78dbd74932b
f98 f74ceb1466eacc3db f a8 f94c2b6d9102e4edb668c1ecb97205403529213fb
eb8808 f9252ee66627b11a868ec7339d5872798c80ee61530049437 f38411498
0781a f d1111b63416011007e f561d20710643ce8 f38ab0e9788e421e4a983489
 \oplus 002 f7ec0 f93b f88527dca149a01e2a00159b0ea15 f804542e3 f a7d7 f274c084a
7b9c0 f b3 f f68c42e28d48ba880b f ae9c f1dc7105150d097873 f0810cbb9ae f2c
e73b263 f37ecd1946c8c f048 f f c3b0703845eb83706a9200e f a7a f f122 f f d f6b
62a9169bb6e1ce77 f367 f9e548aeadb45694 f150a552633528202708d0ae85da

round number 189: b0fee680a99cdc35ea30060084954d54be0cd67b5505892b277677453adcbccc
0ede03e2d636a2e72a306a022911482175dfcb7702142e6a662a56 f40b98129d
8be9389913ca7cd3909eb8e07ad32bb401b7d5bc f0b8d6250a3 f c9cbe8397da0
0d62 f1e90b64892b970be5 f d7e725ad0ee260bb4900764 f80884 f dcb5cb685e8
 \oplus 0050ac5d779234272a1053ee f64d106b80b1e43ce3ccb9 f f d6 f55 f6803e19e3c
e6bb56e7bac f3b4df34bec2c52813ba71d63c118b4c9 f c109bc53 f3 f49c691c4
3978467719d9d62c4ade54e4de322d5b777e8 f1adac91 f a1c16d562461 f587 f e
a1b2693789ec7 f cdd3c8b222b0157da857ec9 f5468c2 f14350213 f f709237 f b5
For G' f735bed00df ded79c0744287 f a238d61aac f89d16b25dd3776da f29a389b6182
137b7d4e2eaa82eb0 f7127147d1845e1 f23 f de738117b3e4d0d50 f e908 fcd70c
b32ec612c237 f24b3deace710483ed6037920 f f084 f353e f eeeec8e1abecb f365
28b94aa7 faad369376 f99bbdc f7 fb346 f0cdb856d8d3dc50ae65169a36b15366
 \oplus 0012be7871b33030b385 f a f f9c2db373 f4a3c82 f c4cdf6e57aa76358a6a09d1e
823735a2e363df21 f3dd4d0263e5 f7392b96a3cbd4e9b31ee65ea4aa70ee5052
e356cd661516ba0d01eb1c9d686be f2d881b84 f065c14e314e6970d5539bb431

062ab5a059d70e5a1bd6195176e5a7ed716f3cb9386fe76b2683511c29e401f0

round number 190: *ae4addde0ee812c02055ee72d85d3f3ebd3247b6c930d4f183282d393d22f0e8*
6555056cf999aad97b862e7b90738668bc0a6fb6ddd27afdef69cb425e8359b2
917eee0a13aaffda40ec04a4e106ef76c95aa62a71c984cb529fef89ccfa5eac
d098de8288f6e644c357dfce672778b9ca94e0f8c595bb58a5c23c5595fa5db0
 \oplus *006e540b3b10ebaf7651b9e687516da49bfc1a2673c5f1132f387accc99c2e78*
ef73ff8eafa37620a5d52d5e7cbee50ed3ec5a986d651bfc76f7a21b637c23a1
7e2b8b1682d91ef9f510ff19acc485212ed91cb36042e20c4d8b6802e7e40a7a
a0629c9ac5a62f312c6cedccc6f83028e656d6af6a6033a3856a9ee2570b5b23
For G' *2700a87c4edd4973f1b878660e3e125e6c41feafe82bd20c7d91c29e3bfc9c91*
4c48eccdc95dcafcac6a161efdb2d8d9a97db855fe00fa368bab437812875e50
780b74d72148463c01d2ec6ce8024dbf898b00e1321ddea085fecfed5047542e
93ff07a37a38c96d2f82ecb99a14ab81a284efe0bc3b3b88e647861f555296f7
 \oplus *0078d26ce25f33bc9466f5eccbe429fd2cd29f1b6d7a1262eb9961f819a5e36d*
1c85243b6d9a7e5e878bf53932725fb2d8183bea614f23fdc8712798104771c
9e5454812e19e65d58c334df379b6f539df9ffb60cda357080cb736cd1f3f012
9b1d207128e165d77e2cb7c3248ef12d122f4bf8f00257e82fbba376b78b2b75

round number 191: *2489d535f8f96f560457945f0c529a26ce5d90baf525e2ac1057f5f4bede908a*
26fae2563adc9de530325eccd63666fe6352eb0b76101999e69593df7a13ef
55651c9173e123b5fcfbbd4dc26a57e783ba99118b66c71f14878b2b1e54d670
fa42184d50c975ef3b3202a1df48912cc23657aff588fb20a8a2b7c2f10693ae
 \oplus *00c2c8f2cf8f45172dfefb281f3f5093c7e9a8885711024716efe8412db935509*
950cc4da8ddf08e32974afd539f9c4ba4f9738fb683a1639dbdca51fce28844f
cfdfdbeea22a227fbfafaadbfadbb7665681e3de6ce82ec1fd916c2b1e4567b3
17ca9d498e2059e402e8c9b052570258e58ac3ed2868c4b05f76e4291ed3a8ba
For G' *787a10ac827acf65de8d8ac5da3ba3409361b48551c06e9608a36622597ffc50*
cdc8f6a4c7b4a22be1e94d6e95fd2284fc3beb58140809572c51019383294ce6
5f20560f51a0615911d8b3df9922ec1472ff573ec7ebd00535bc8181b4a43c08
e227d252d9acba51ae5b7abe9a5aacb0aba4184c396c60c9fc2569e2d9bd8227
 \oplus *00f0352a76d94d967c8b0df33cdbddc2738d471af74d3e1bacbe0017051a8ed0*
47ef24442763ab1c87837084e66d82e1218357a0afca28747c5d2732b9b4376
9babf1903212265239f81cccb775c53f9b78d961fb742b599695209f6f6e6302
ee08be15ac603033e67e9c70f7fd050ab5ed1eecf57e6109fd1cb827ac76c8

round number 192: *4b1dc737762a4129a926defa7931ab0c7183f8435c6dd7ea971e6654dc583b3*
f6268cb703f13d7a778a39f49aa2d5a9a2164bdf5b17a045b5fc22315297a09a
98a27b5143044e0600479648b1e081d53b7acfe78ee9dee916e7000011b1c3ed
888504dee92c0b39dacb118d1f937427bc9442dde03f90f7d453ebef5d3b1424
 \oplus *004d62ae7e51e59973cce7ac774357469d84edfeb8698839cbf84976b47127bc*
dfb6be23f8ba3303bd816ae0ee0add76fca3bf65b36792abe83c2f69d7a0e2d7
cf3a94dc5798ca9d14a4146fa2c7966cd7e06acde36a5f9fb85831ac2067b74
d7515837d3f7de7c9e2df82cc1dd613a844e35c05d8c73bea368610f0e20b6c5
For G' *8a2586f4a382f3a2068736e6e07e82e0ecf39fa68d508da41d66355c6572808a*

\oplus 27d2e0e0d70937666a3dea7390a065ddb8bcf8bbc2fbd06b94d3e0a8b20f90c4
8ba79f63b2470b2820af132e57292be9878e5f3c9ffb5ca329a11edbb1a5f0a0c
eddaeccc00da619dbd0422ead51b5a111f552d5991ea8f5d8755afe11f4ef78
002db3b6c0fc5f88917696de72cf11817b0b0fc1720a03a2f6463f7813e51338
afaae11b561155e2887b39eccddbbae2e9565346bd67824eae2cdfef57b81d141d
ed465bf81c460fadc1b8a6624af003d78e82020edf802351885b7b4dda05d7c1
f3aebdb9a96dc1e4fd4ea382f8bd58a7b29d17d7f7a79ab4e97256a9a8da215f

round number 193: 50a599087ba4b0daea3953d0d04df65a9cd27a8daf55476289af13f9b4a40f29
903294fb4b0e79ca0b531474a808df5eb5f4bae87032ee5dc00d588537424d57
51d21c867dc2afd10dd70e4bccf8b3f604c94b50df7b10ed62831ad3b7b8995f
d45ce93adb54544e6e9a1de4e151d38da771dbdb3e349773b8ae0db1ba2e14b
 \oplus 002e9867286b103dd71bb0e7e319244d2e74d42d4f7ffda769efeb180a82ef11
a0521a3fb90cc4c3ad29bd0f88e04bb2e3bb7a4ca6fa8d306279ce03bb978da2
1032a123b9760ffa68c1937fb4d4dcd49735821a938dba8e9a40053ff5c8442
4c8488f7b846d2b528f5385c7c679e27f31e38eed465156a93005e3dc2bf04ff
For G' 083542637eac2a97f1a03892b1936197f89067ff5a8e06eb200a24769793b288
7801fb81186284e246d39f5d7bcbf32dd9ccd01483f481761e1ef0a1284d966
e1c49bae010485e117b54c1dd9283e090c5d32407b7ff2a1fa6596c05addcd1e
745175a9b7a079404a816855eced06a36845026eb9324131070c57b92ece278a
 \oplus 00ec56d77c5ff9d43d88a4fabc41ccb26df50ccac1278d1975133a641a34db6
c27eee8061d84a646a03ba9810c8b308bca35801d1aa0d89ac16756d0cbd93cd
acec2bb308dac8a50935947a020c826f3ff98b85fb6f0a000819e00a7ed8df9b
c0d85e6230111781aa0492ba5f11a1a3a2b686d25ee2bbd022a6d4c830661cfa

round number 194: 8b016f53cfa0e73d22e3373354d217b2a6aea0e02abac5e040f8e1be26e03830
608ec4f202bd09a67aa97b20e894ec564fc0a4d6c8636da27496868cd5c0f541
e0bda5c4b4a02eab5b177c37b5fe3b4dba13717643cb458b271a8048e41d1d98
d861cd639397f1ce1c99823272831f2969255367865c1da88abee6d91de5b450
 \oplus 005db34cc1df7f261347668a87f094889b80070c18df03866f648d349af16af0
15e97c925a43ac1e4da7adf1ebaacf420f5ec2766400d3d9f8b1f9ede2b90c2c
91989f48c7e8600cfdc282e2c7ffbdd41e30a11f1698d31c6e4fd373198fc559
1b6afb3e74ddd973d8fd12121b5fa7b392ecdfc3efdc95a7ff0d0d6a39aa8c3
For G' d914b402f3d343cc289c680d677d5cde4f3733f69c7e3ab75b17d0d630ff3eba
7f150179bace862cd025c56b034025656f8815525e8c7fb2088a671e394aab4d
28b01d09de4d441e80d867db24bc6633a4b9c58010f8a1f27c76ca24051285b4
892bcb87b16ec1e085faefb3fca700caf384bce7d0fae125aa83711ea83b7008
 \oplus 001041eb8ed2c0e3db110a53909fb5bb350f4a83c7c02b3bb21907297931aec7
fa8246269a5d39b4d258ebaeb38d556aa9675179f96fffffe67e5399f2da3d27
8749fb2f01a4b3c22c445781f8662bed7e29ee266bbf65dca12d422c6218ffe8
804962ce4127429965d0e8ad6c7e4946cd0032520ed8a8ec384014a95f4316c9

round number 195: 5cdc1f0e7f981b31a451b9d322833a3d2ea7ec3265c6662f9c6c8abc1152c075
67b86058fea5b8370ed6d1033e2314409e66a0ac63be7b8c277f613779f96d71
253a8c73484ea7a6d5fed572018699a423d069555396974955533bfd92d8c1c3

\oplus 0b365de74a2b59211653135336e552500b9e9bb8a1d4f2f54e360fbe7f1c938b
005eeaa65cff f26a10461ab33861a71cb3ed885e0e2f78378c53101b44b27f50
f4fe43fd62389017bb5005bfa2ae5a6db317ce8e67c8143bef3c3549b73d38b1
cd41b1b684ad7b00190a368bb426a2afed4898f8c6b841d88805adfeeebe650a
5943ded1fc1b63cc1c11a355feaa421cf536c98bb845c90937e95f1af146d72a
For G' 04f5e97d01832ff38d625ef7e2e9657a3879755bbe118ce90ed7ff49ce907d85
97475f2093bf98027d2ec5b0cd700fc6ef442ba7e3004deef43487cb90966aaf
f9e626dfe9f7dcac9c305adcd4ddeda902ba67b47c42edd5b8808670a7a5c09
62a949f0498379e02a071e90d9498c3e848eb5de2249c992c365b7f77866e1d9
 \oplus 00d964eb3f8ab6f0cedc531d0f8d6ee8b94cf3c428be783a511ac64b14eee814
796332981d83b6907a6d560da982e124aacb45bcbcc5b5e1999ad16212ac69cb
af125ebf43f7e18a9a754cc9ac79204b7a73ff846894aa5848beb6fd8cc9ed36
6eabee75dbe6ddf9e0f7f257f8b582381ff5e738aafd231c5fac14d88ef0a563

round number 196: 82f5a82367e95bb417a3601ae29d219d4a646c6be91e18103f9aa755e0bf2593
4623a59c9d2820b586d4bc9c8d4e2d2d716e2204766fb7c843547ecec455c0e8
7b3dc5cce3dca6ccf4e3f9b5a03b0bce98f1ad952ed691dd5696037c66a4c952
758336b6303aed0a42b006c84f104cfea8523319913bfc79df50a48e5a44a15c
 \oplus 0077819affc815a00abd99179c44abaf61e05dcd81d7b800bae02760a344ec91
d27a9f35d09e6998c7c6660bfb0923bed7f055a0d3c97199fab377398808065b
cc8e8b169659fe27d63386b5e18f0e7ab9311af6fc3791dbe7cc6f66c3d482a6
f9515e59da07010bbb2d6702cd8fc71bb3659f13a487d20079d2ff4f6f8e8507
For G' 2c8d963e09990343be0deaed640b928135869f96aff4d35fcd3902da7e9591ee
246db88e3c2e92074393bd64f2eee2458f6e1b5fc5f80f6dae56a9823a036456
f47860aa003d26064516157634fe91ea5859ff2f5084851336be9a86b3b13f0c
02a7859265a419caf0ecc721fc0e069b7b52e688b4ea8e9cc9a32ff69664ba04
 \oplus 00b38cf9bbc5f0bfd985f196f95e717ec463b30ce73ec778fc2daf49b9b41459
e0f7a3e6d612e11396ce216ecbf065b287d144ef5744f65aadb47fd6d761fba2
fafdd233c84884efd0067c26d25891a9a3b80dcaba41b0ed819f9cef62423374
9ba2d82b0a708ffa0016aa6b861975036f2e18977a0cc09aa526a77eb2f3bd5f

round number 197: 8229b998214e141d1ef90d7ed98a322b8431a668c9a010857a803543fbc90294
593aa94db6492d4112da9776470e93a69e77a4a5a6c651b9e709f74c5dc6b3b7
b34eda758558eb22d07f0041b405b421c0b763d2e10006b15a6c1aa5704bf48c
d268efea3dec01f99d61ca829f8be51b37ac0a35bc2e79a6825bc135ca245b82
 \oplus 002062a7c5466eb1127019ce4a1315be49e627d7649a57f9951aabc6c01b62e4
e8507efc036374bbdc6b8de7807a2d58878f598b82d97c9547165c8e9ca24fa
efb845d6b17986d50895d3facd78c5ca6daba3cd84b867d1c839f2a59dd758b7
a4678b80b22a8563dee6c298f76e79092ac382016204dd88c551546d9677677b
For G' 3e1ac7b25cf3fc67881b7b9d55e3ff1e52c9a48ca14273114ad93c72185b7c4
9a1b68ea3c7314d55d9c0a391e87f708bf5fb092bcf93703e2d654ed629ff40e
85b299c875a2e995106950e6a60043fbe1f2e5eac535feb7210669d1f30c7899
055db96fd49630f0fa6d4a7a177398147cfe1fcee64e066c858882497075b2c
 \oplus 008cb11540850315aa fec4a879a6b330d4a1b14a706740e871968e412f22ee64
19e147ffe4988d40dc89a56743a3fcee5a86382abec8f758fd2e603cc9f91feb

1b1c5051b605e254e77cabfffa817c502c027956d326a6ebe64874388864ea47
a2d3f2af366c85062498a32cc40bcf4b26e0f8b4e31a120be0301ec1b857ce41

round number 198: 09db3fe4087aac0c8914b093992795cdd781bfad3a477cef9a9e853bd26070b1
6ad7b1b52a59face0c2fa83f093173160f513d1eebc670b3789284b40c974d5c
f69fa334216df7d8ead3bb797d71ebad1cc01f65b861609255e800ed9cac3b76
0f646a8fc6849a4387081a68e59c121d6f8834de2aa42e470a95585c533cf982
⊕ 00daf06f8f0eb80d8eba66e56b011f97e460f035c02c746c10b8347fd428fffb1
38b9703f12d733dbf403e630a42e555422a022cf3fb5a436adf6f260850a84bc
cd8f2509321eff4c3e007f48967923372bc8e33def4662c960be115198db9ec5
59de2ab17bc8f4d3e0b333415378d3009d532c904cbca2d8c0d4585861bb4d10
For G' 9676a71c76ff7222e5bf352c454cc1318d2b02ba7367d9653b1d860ea759a083
fa2f15d8eb99958115af5e5d240be6e5d988b80231c05b1ff834d1ab66ebe59e
aec999c3a70bc1f715fb1959813fabcdf09cbc1613585cc74e1de97b6892dea7
8e4bc0e2fab5f6def5e956d378575f5a1ee77a0554146765b896e52f50956d3e
⊕ 008d7bb032b92735b01ee3f67b465f92487d1583957da016cfbb27ec286ff923
d6b03524f21ad0bb415a283875e9a544da3c569e9fed48c6ad1403fdd3e99a87
b8f933701e20e7232bbc2d34c1feda27ee723a57cc289b1c3d625dc3ba3f5aa7
d362e72abd7dbba12a1a7407a54c14fa42a1f1df4afa80d58a3e28bfc6f2ff68

round number 199: 01cf8b8774140107aed676f2268a5a33e14f98fa6b08838a26b14406488f0052
6ec18a388ec915f82c4e0fad1f26422df11fd1d473d485d56476d4899dc9e03b
10863d13730894d4d3c431eb08c89a3708fc585727025b355611bc0477a5b356
ba403ebd4c6e9067bb2929b6e4c11df2db184e66188c9fca4100043287b49209
⊕ 00c94f796d1a214d1fad12fc0a50f6a7f53adbdccafcb9c026b32111bd554923
052db312c3edd7ba8163c203884423b8b7ffedcb8b60dca3064cc22b60f0a47e
d5b7f8ca5e669a0a581fd49414f02bf3767424ca1834c30cd5ffb295df6ff5d3
7534245d3ce63d243455193b5d231b6673a44e10cf1ee296ba071f25773b3731
For G' fbdcac4446551755a1d6da3e0a9ea3c5561739e61a7973f4a6a1e28f3659a02c
9f20fc1983453a54f5766551e243a103b4ee9cae2d13d95520d256b5027f1916
30aab3b92b26d43e47346d40c171ea1eee8641df70c7db737fb4b8d2ad84005d
2927c847c84d7fddf322d4dd1b4ba05c468bda1eeee7b032a8cd909667925696
⊕ 00841661d607e304d1f3c8a9938ffdf98af1a4856fdfeee496b89a3ea4517a82d
d8e11bc2fc6c0a2c3b052fb1849ae9e46032a855a2e85d3a1d0aade05efe43d3
6698862d7206e854b7dde48e3b795075edf3a0482495366add3e0ea18ed6583a
4525add034e2d09c0c4b3a183591863947644a341d6b4af743dbb6c50dbfe400

round number 200: 06c4fe190e204ab17b640e2cdaac9414754326a1f43a4a00026517f5da49716b
ec392a4d24c242ad2cdcae9762619546e03c1ff8b45976623a16a2fd394445c5
31c5d92d6e0ede8dbbe57f1c38b1c47e887c9d3f36983983ee0e91a8ca4e05cf
741ae07088ad438f7c308db9e20694a8bc0076d7927d5cfb071b17f08fa53801
⊕ 009a299e121faadd987a804ef4cc0a7c007e66538d16ef04c239b195d53c15ac
74a109d867e63df18c16abda54b5d9d7e7a0807921653ed30e9741cd7be207d9
bdba97aee1951a3962ca207d60f83bea967094eb4298566ede67180e298b02b0
deeeac9c38a42d3c97f2a7b3fbff6a8d7300d13fdf71d1840ee5421d9171aeb5

For G'

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round number 201:

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For G'

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round number 202:

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For G'

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round number 203:

58ba259052f4517025129799115e5df90d71b0e7879dbdcd284165734e080147
c1e7db7f293078ce734ae066d948e7d4dc34fb8fffb846f3dd8fb555c815ac556
32359459203c6af0e989cefa08ba6b0375e1975452ed19a28ab673235258676c
026597fcafa43ff69eec52eda266501ef902af38cfac5eb1626536a2db296fb
00b431e03d1769b2d7e1266f265f3061e2075c2a49af3f699267a5c663b2f361
69c618f7dcc3bad4bf81c664829f468b091621c5f39d6c71eb32ea9b5bcc23b3
88008eaf6a92184c7b9a2087d05ef670c3f14c3593cf1802faf330d5f58698eb
9ecf4dc80c02c6eafe53eff99742afe085601f5de2c379d783038cbf51f6a67

5ed7871c3fe06ce31e8e622e609e68753d40f2792ca504c05ca6600f7564c798
98239543247f5ca1db054d36d44c91079c9f81953c48b13481e33042a6421c8c
7f4e838f9bc4b2b92f5f615849ff941e0c09d474006fed306989a6e3c5077faa
f44cecb0096eb3ebc22a0a19f9fe25cf00a7e84d0c8d7f09fe55ed1ed496b406
00d0ac3766f55daa70fe3d113894fc1c06093e442361debe0ce3dd050a2d99b8
9ab7b94855307c260091c50aa1f2d5ad4cf14f41148a340af65653c7b2a0ac7
bd4f37172abfafaeb483d44fc349f537ee308cfcb07bbab252a6da5273592e2f
f4f234ed7264626112a2ea46a52b18ff3916a5e616da5476c9a12e9775d6945
0e14706fe338c2f2f3b1f637016d98ef76eccdce3282a4ba26c0b52dbaf226a8
21c388f5f3c21accb26025bd7a15fd522da4a0819034c33c9bfc7da96e6e5ba
351af64aae72bc9213ee7dd8e49d73b610db61c12201a0704543f6a7def7879c
aada34a3ad851597bd2ad74d64caeee7c62b0652d6f2766e166ba1d8adfc9c58
00900ff8c68378be02e784ed8b4159fc9b56b9b3de1897e7b3b31cd783ec1e91
a0dc63d2f9886f8a3e50ab52daee7eb4e6a95d16567233fb7bcf1dc27c3d19d6
c864b4d3d9a2a99e963fffc14e75c6841c0d005de52b6da2d659f60ddba21afc
94c3a57ee41c1d7376490d7777f3ca9e1466c1b8031b77cc1913f5b4fb039fdf

072b2b591531496e705f3f580a94693b49cc3d0fc4da7e5045bd0af7495e2002
942c0b714f2087db94883c75be44aad06eced428c2853e8e86557edd68164bc2
01b498b17b1d179bdc5178ab66129e239588ab01457823b2f7cb1b65e518500
bed85d7b0ad18ad088e05f5cd53d30f33682136de0da4e92cffff7a3cbdd435e
000fec0be4245d7c30408706a86e6b3419fa7d43176ecf35c02bc45917ef9568
77d0f9a09d69f5b21adba050e4ea0a8d9d26fe42493371e99c4b8f0ec798c2b0
5cb2c89d0622a689cd3beb61bbcbf76e9a10b07019d5fade3b6efd6e73e2a76f
3ff5f5f6363dda7dd6218695ad34e1e283f58f4fc79b496bfecec429b7ac1d65
847f9725bbba4cf15672da8a2cc113edba747dec9a335d9573a9fa391e383981
1feb270a4a7546f576a9090d4f2161c473171e4f717fc8b270da18eadbfc6cfd
7e429977d0150c85d18219aae8b5320cd6619cc72acdd2931a00aa055d9d603e
1991dd499908e4cb63da3a13392479d24dc7ead5e901a20f78546c56ff03870e
00e3db220ab427d65860e05bdd29466a231f9444bca66271629a668d85e1defd
340ebeb0937d7f83bda50ba09773f340c7518bad2fdd5887529489e3b8d56957
63527862e37ed29dd9d7c327494490b5e935fd824bd9f53153179be40d5a0ed4
fce4fe751c2f949452ae0b5cde65dec32be475cc7b89f84b6b0b96bde8c03b0a

24c752f1151412401fb85ea2fa020f5036404cd3b4b1658596ce265eb1b56ae3
fcf2d1d24972698e539c255aaea05df3e82a6a8bb64f671a1ef1d3af8e89725d

	06502c7d3fb112118efceb0daade8ca3483ac00d8278e514124cd82db3226f81 2da88d3cec50ad5ec1d9c97809d111b5779c22274107f93131338a7c715e3b07
\oplus	00f4da787cb64ea2a860978f5d24a8e98def61756e6e75a4353a1cf5af5fcbcf 106abea29d39e88166e73993615065df4c292c30c116b936dcf19b15f37ecce1 8c2aae324cff75cb7079d07d282949ad44e455a4555de5200317b27e9ca0c59d 5f267a23fcfb627c02361fe4a8cf8bc8d725f594c9a686ebe555b7c649468b26
For G'	9c4c07b10e6b270e123ad1f1e85587996be9a826953fe411339cb49bd9e77c2b e599bad9083976cb0c02add8529284b44695e25ea29035224e9109632905aa1d 10e115336bde180855da8da1f1a2b93f546145611427a2491731e150c76eeae5 75233c8527705f3174314fe741a71166239f1992885a44135ffaeb17c3bc0484
\oplus	009116e37c460ae1b9c997ac101fe25ec7e94e264e580901698a2c8eba6927c6 ff77e69ad6d2f48abdc308ae5c903e25df51b901791a57f25d93866a2477 ed7faae1ac6fe8c39489b4a1bcc6781a89c7589f41a163828cefade241f6ed23 34ab980d0bf98c585fdb28465a2fe42e1fb06e958db86114482a28196e72f6b
round number 204:	33888969a25ce2b7d8c92da726a7b9bba2da6dadf1021a3f43aa1eb4aa12cec 986f70d44b810f357b1cc9cf0382ca40346bb7759de2cc20048ba7df7bebc8a 7a824f734e67dafce853b7082f7c50e0cde95a9d7250034115b6a532f82aa1c72 8ef71f10abc22c3efd69ca11e9a7da0b9d7b388a17fdad4663dba3818b02124
\oplus	003766fd88ea630869fa08f57a0bfb1dd175242bc38f0ad924f81ef302699 f55d85029d65f4790d602caafe64262895f6cee48bd91362c4f51e42c7dae343 a37342d7edf5dbf2f721655fad888bddfdb483ccfd97b8f6a4c59044f9001d75 db1cc184843780a4e510782d90612b0647657750c76b6e511ee3e0b5ea676295 dd1152722d2defabf3465df84a65c7ac00e600db67ed105a169815638e5bed1a ee5c43deeb8241b1c1a5760e02ba91996807453287a468196354f0af6f8e6afdf
For G'	9ebfd2c7b1f0cbc15339004d64c125dda61dfe5586c1cb9bde4cb2869807c641 88a4882c8fc7f4f1ccfd632405ef24c2641f7bd081c2021b784996555b2bef9c 00fbc1a889848008207a198bff26c52083af30f11e504938e25880e966b856ad 0c2c0a259d248d952e14a5acef8a04ca30ed80defe8caa89929ac5e40d96b972 df3169007409c058faa0b81597809fc63987a6c5dd86d54128e9a3a0df208e7c 44021ee795a3198f6183f8f5642e9c5de09f9f6cbe15cf567d3a148e0d7eb15d
\oplus	
round number 205:	bfe942ab681bfb13325525cac42a67e5882f11c9fe10e66752004b6910a756d 32f5d6d6e4fb4c767ce5650e5c0a8c96b07593d2073fa0c4bda43f30645fc9d9 f10da4a392010c721a15dd5a4d85d123212a1bd8978ce7ffa36b7baa010755 ebde942ff8a2670ac6e48c8efb56a6feb2c4d86614b48578de5a8df2d743b133
\oplus	00daa031c35d1d9b5a179c068de87e6affede2e15a45bc18f5f8d68879ba48fe f9db641b7f07b38eb96eef3a10f7d08fc635118121f6c5d9ba42fe465dd0029 a4b07c797e5c94ff780f672b02c5967e73c107f18f599a1705a8dd71821d74ba f3001de8f41181580b78835cbad4089c9a57e737b1feccd8c9994f2e5ffdf2de9 ea93daa4a96fa3d33c4473b543028c8349302a79bd5962f4c0958ae8e3bbb7e2 7049fb76a6cc24efb1d3a2ed30955358eac5ec7928c290f1ce354b6218d38f41 8ebbc7c5f90b99a999b858f341ba1b9f9a58905b471eda6a511264727483dcc a696cb1a64ed7ead7e9bd161c1b89f8480e4bc3fd7cd4d057382db56555ec1dd 0077c81dc678bda4d05e7124c452d953d05c65e682af7435b8627a6e8e4897ff
For G'	
\oplus	

*b9fa68363a14c87296ebffeff50b6721271d223635c1df463caeaee94848e646
4adc105f6b71e9ffff148de4598af2962327a68ed9cf37f2f03180653a3410bb2
a93390fdde1a813928139e504418ccae05d185186855a8c865cc313bf3a5c308*

round number 206:

*35341b75dca22a6932ce5a21aad814a76f13fdc5a4b27e80d8d23ee8b03d93cb
2eb2cd9bfcff8c58b89fdfd05f19e4c16c2ca1520cc99260010d40182c9f055
bdd8daec5d988d621aba714f40475d52eb1c2918d57de8aa6bb60a281c73ef18
de89c70cb3e652cd9c0fd24182ae6228933f51a54a49a017c3c2dc88be9cdabf
00c497f91ba3fe4ae3b30b42943cf95f227f59d0d8bfa44d07494a1fb3cc426
ceaccfc5e5d77c750a0d6ae5966d877fde251adc44098f63494df3b5d7140868
fd508372ca64bfb93259dc2c1a8e6aa15df8640844b091e892974a8de211e278
ddab25fb3566d7039ae03da2d5cf956d4f60f447651a78d2c523de03d8ce0787
e412b96f171e77ec1a0291875055d0996c4f9f3ff616c178f7f0866df3201dc9
b393409cd8ec9d27385d02c59e3479cdd8ce4f1d034fb7f29be58b509b6907c4
67d79a927a705668f086b6d91532fda822f8b6dbeda5d9a60920148409367e0f
a55be7ba7ff9456884f3185a0532a85353927bf98e5cd164eea6da6fb02d5ea
003665d397ce822f1d576e500cbd8576bd80c974cf11c65513129d4e5621f313
c16cf683f390a7c083be0356663cfde5cc4074f3f724973ec918bce1c36bca86
9ab8ae69717ae4c933cf82d9bdc7d708fff39d9082fcff1032ae378cb2ee32
91a6d8e247b48c9c96fed9c3ae118c904b304e92a3ffbbd94c1a19902833f037*

For G'

round number 207:

*f08c8cc701d423d17d51633ee48b329d340858a93984c408a6aa494b0157ede0
1e025e192884b081849718939c1933c8e7d0c964c51645495d27b455ddf83d40
88599e97fc32db28e3ad635ac937f3b6e44d1091cd7942f92140a5fe620d6003
22e2f7868085ce06efefc35761f745dc5fa5e22f53d8c506e1028b6652dd3835
0094557889d6c40249e42fb50bb6eab7f9fc62e403ea41a276c157ea5af916a9
1ddc4428afb8875736ccf0374bb55f428af50f3a89a8396e12fd61f23cfa0689
9bb14cacd3f78542baea9da506a7745aeac8d66502c203cdb790029e2772448b
6b7be957fa708f4a95f58b47c71495c28bb124c5fa5529aa9388fac70ccf4d2e
24dcbc80d0f5c30755ffd75ce855efd1cf564b3907072de4e21b23a501eeda72
fffb61f2b7c3ae7bbe30193f8088428148e3bee46b20cc52fd37b15802cd42fd
6f34fb0b0ab2a1c3494ef48eee4a7f2a0745467d2725591912bab38584903d34
fd3f58b04b18ca1eb1e8460e42a6157e09692d3b1a76cf02f07436d33125dde4
00fad74721c9ff26f6ce05f3f5d1e55b83a53c1678b82b2b1b80e20a08638bde
8f99810787096c6bab011f5ec7883ba3cbbd04acdfcdfe278db2059f43a67291
b07a854dad6e647303876be89a00bac04e09cf6c259a50a15c630e8967812a34
7fb8f67bdaa4a88cd1d2113e33cec8e9ddc9585cc6fae6012dd6386753d581b3*

For G'

round number 208:

*18d9bf8802e7d334b54c8bef3dd82acdf43a4d3a6e85aad06b1ea15baefb4903
de1a31873c37d6b25be8a4d7ac6c8a6d25c65e4cbe7c274fdad5a7e1023bc913
e8d23b2fc55e6a5947fefcf9087ec0e85c6f4cfbb413496d0a760457f248849
991ed17af5414c7a1a6810a6e3d01ed414c6eaa98decac728a71a15e12751bf0
008992b8fcb8ebc1ae8a4540f73c4ccded113525a4853f3ec81e4e81c42bfc46
8cf5d6f1712103957dbb17ae6d74786b9e68d9cdf57afb07fb4d1736936254ac
c3d5aaf3d0adde627b293b1e6a67013f8842e3e35b595eaeaf93a8c1e5f826e*

For G'

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round number 209:

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For G'

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round number 210:

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For G'

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round number 211:

\oplus 2a799b4dac0d78f3e1b63c8ced39585d9a3b6fb263fc010af47403018f1c8a98
5186398e15e5b99ba9bcae35290f7b0fd99e8002a9a11f39abe94a19f1b3416b
cf8a660f3e91104dfeadaca22d558aacd0367fdf5cc1db4aa2ff38433d3df0e0
001cc03a70a5483600264c11a052a0e19ae6c27d33372ccf976d3ba44affc077
6c3793bbfc7127e555efc21670aa8a74d037bc8578450ad193e98487f547bdd3
655e16d2d4ff42c7946f06d7760c1eaa4ed666cd83038bc01521e210bb23a5a
09feeb719e37962d334f9f2460aee577b516d1b418c78e0a133ca121150a67b0
For G' 9394eecd8b28f3dfc648883c900e9a882017dc8f0590d8bb3033a952ad39db227
51f7344070ef7b921d880d461a1ee24d6195f603c984734424ebad6ca311eae0
c15b61ae9c9f8aa74791c6689dbcec086dcf290908326e76cd7c12a105a7939d
3458a0ce010b3599bfbdb573e5815d124df6d9b6785f7ad932abc21e150d201c7
 \oplus 001455e7dd962e8406f486e641027faba78aa7263ac198e677d6fe1d697219f0
b866ed03d38d90741e5224640185f131abf287f47c1094dd0479706abcbdd1428
61e352ddb16041ff7c5ff9a06297e5949e4006aa73dd1568dd2aa7c76fe17cb9
c337062c9e98c15564fe7cc19f711ec87edfe64529114521788f5543af7eb20e

round number 212: c856862b2117ca3e85e62cf164785442d5c9ccafa27ff4a0911f96ff7f962946
4e08f6507c5f16b459fe9a9d93d2294a0cd3371bb90bdb679d87867a5b374b34
d82f5cc11a4db7d0fa5e585e6fbae57d73e66e71912785aabb5438fa017b31c6
748d7ea0a68660cde233864dfb6fdb6520ae6b44065540b1c399622837975091
 \oplus 0023203c5a4a2b15a8c2d37910a75764f9adafe778f56dda76f84d377553ac0f
9841e938bc297537cac2918a653e752996b047de08142a1e027c1d3e8b0cc012
6c3a1a097bcf1d55aa014fe6af7747b8cec9d006c06f1752d592e1a9f9c30918
c8c37646e2e959cafbde9805bdb40abdc560d01d511b0309a59cc5dc71a605b
For G' 80bb2a6f191378627c052f41ebd729a6f76fd663cc135574ec6b37baefabd7e9
91d943a362ebe603da29221b9b137cca6771f7b594e7992092dd061facfec8a0
b833732dfcb583bce3fc8ff2b099cf38f2fa37bef7b1e1056bd666a46ef24f7
6fa6e29f93f4ccdb432bffc764cfeca1b27d22ace6e8b2523374a2ff2cb3c993
 \oplus 002923fadafa60a2d0ff55d9f907fdcfcfea4f584131d27459773612cf4ad324d
016430ce8bffc6abc1f1d35be2c7690720acaebf8190fbf2ff39415422ac482e
87377d16f2b1733b0f7b68957aca0dabb703304e25cb0a661a80ef460865f4d
97179c554171fbccddd00ae82a0e2342e0136c1c37eaf583984f418efd1cb2ed

round number 213: 75a6177b5de12b2d24ff8874df03262c646348da8a997ae7e7dbc80ac58549d6
491f68c0766383933c0b17f6ec5c639a6370c5b11ff1799f9fb9b44d03b8b26b4
1546c86182aa85505f17b8c0cda2c5bd2fbe77514892f86ec6d953f8b838debc
4e08e6446f390719ed1e4846dbd1d9f9c86645d344f08159c0ae75f08d30cac8
 \oplus 00c10d6231c500ee67be691b3c6ff1bf783b1d4c5545a88dc3a486dd4d2bd389
fd75f6d9968bd4f1947e8f50157c9ae548b756237d7a7cd1829ee04117a8fb93
a878b7eee93b0b7cdadc1ddd00f6ab0267fea79c7fce27fe0f2491067b51baa4
840f38f629a38bf5ee9e5899de3ffdc578e977cbf6fc9781e4a32b6cf6719e84
For G' 920995c6b5724f73f072de7ba8f55a09cb23e7df0e72317b1856961b06e5a490
bd736de91420a81bd8f14079d415cd47dd590a157762d26de4474b8e52808e3f
040e3b0d7a2b00c144a06a51c39158325f907f0d27aeb63715689e26697bba8f8
b17ecad28537179efbf52f4ec1cfe3526e4eb0d10247d1ab3be371d1af7b7e80

\oplus 000de7b836f60748a144a326b6897d0a296469ad80a2f241c4f4f53d29891deb
 0914cb5142fa575551c69fae4f6521500de20838a3ea8efe36b3e8b284c81f53
 234cb12f68f13fed8b0dfe61b94a634609be5bfff244ff5efb732b46c4ddeee9
 5c219e45d81f1036b64543aa3c5e9c11b067951b4fee8043d66c0bbe6fd4b805

round number 214: 671a196c242bc34341e16fe36cd7931c585596df dcd26a247f4ed788ae9a5fb4
 6a9e19e0e85762a87598a6f920f97f2bc79392628b054e7905a4912c23dd27bd
 3e7f8f6b918e2c85cba51dcd546ebf4840d0cd375cdf90c9fdc2fec3696418ca
 07deb2469a8ceec038010df05ee2439808f3218b20c16d8240d5e9c7b41544c75

\oplus 003bfad18ef2d53b01bcd67f135bfaebae09c917d2b6cf14548ad2223305a46f
 74d9b94522c081461a65fc06f7c2e51a7d8ac68d7745f9908ea2d7925498be13
 f04ace3d7e02b13acd42a78d134c7aebc2bd6db8a8a6888c00e3014647000946
 19a59930b68d63bc56d280c6197bb7dc81c3a575266cd1d45b98cdba854dca3f

For G' 04727e8384483b51367d5d1e7c2703e2478e728ed0c33adca263262f6cb97bb4
 67a6b856daf4e8937dfd79b70ec17d0bb022dd4885c93d2f4a33cd648916c27
 428a2212da3f2ccfad94307adb3b74562e24f2d5ea4969ee1bb560ada65411ed
 5f54975d2807a84db06ce4fd917f43de2925ca4da951e8ed8f7a6fc0afc68592

\oplus 0073b0b812631462f5ccf5c1166070fc3c397ba96ce7726c6b0b906d9fa3c1b8
 0bd0c8ef895aa7db47f59ea6f91c0bdfbe85fe9f50bd8314ab8470f9d2b278f8
 bf94a230ad14b512cf79cd086aceb8edf12ddbed7d13f91f9b0bc1b84078e9e2
 7a64fc5c6687b742dca3e3c9f814d6ae36a494a3a81bcee2e60988d61ceb556c

round number 215: 21e3bdaad91678405db99c7f8c69f7f65c5fc80e64a5302bc405aa9d9f bdb1e
 47a0a5ca97e3ee6ffd5affd73b9a31ba1954ef fc40b7e98b0646be774599aece
 354156ef8c9dbf06e7ba404722c5a3826da08ff4791845fd21ff852e64118c1e
 7b2b762c018fbfd6c25fc3f75f8e5c0ef1bdc72a7a09f056c651c1c419864a67

\oplus 00888f9bb30437bf53f44ae84894359c76163b840dfec5e79f8d851a23134e8d
 fce0498f996f80a74199bae59df60bf24ff625fa50a462c67a069ba00dfe10c4
 c69c614195028aa1cedd07d7fb7cbfa840ef0d818b93b477e241005933d1a7ce
 da238e5a0ae535c3164ff021af8ed42089661684da6fee7b40d87fd9aec10e44

For G' 01ce3b962b2f33c3b1a8df6a47731e7bb70927bc2448b0c968b642f31aba0c6c
 7670b953a5e952702a493d89f01c0f0587d34bd8e110c65f274c2f9a2314df fd
 1e8022772b99dd62edfd72b1f5ccbbdf092938975a90f180bea115e62cf80f25
 306b014e801f0f6ccf0734696b95701f815eee014a260f6973e716b32dd0fe04

\oplus 00d830dd75eae542acb117942efccd1c81f0878e97bafac4dcf87c1eace1fa4e
 d2b1c0cb84cb5401c2dbab4389fbbeca80a25cc1adfdbbdfbd00446324aae7f5
 83f6da77adf049cd01a0a85af5c72a4c84c701338588f229096f9fb6fc801e6a
 6d695e928ef1fb435e17ecf2e2b850e95d50c0b7398b62f76ed64ffd438f2a2e

round number 216: 6b32316a124fff0e4dd697c4fdc26a2a49f38a695bf5cc5b882f87bce89593bb
 40ec450e8c6ec8bcc34532a66c3a4856a2ca0610138b4d7c4025d74867be0af3
 dd37ae199f35a729674790d9b91c2a2d4f8275f28bf18ac3be857757c02bd0a1
 08f8760b6a8a15d41033d6f000882e78dbd1aea0661e2d8689be1db747442321

\oplus 00ed5cf3fddf441502da0685a84061b8f691c055f2a2ccf99dd63225c676ee12
 c91188a68603df709116daf0fe9e3cd4127ee5ee9817ab62f4c0794200d4bb55

$8cae1357c21eb730d587ca45743440b167bc649c8c563c225447509ce7689ea2$
 $2197651acd5573f743b4ec8b924e837dead61f7c7fe816bedc3a0e3afe83d329$
For G' $160b4b5ec5d6811d19c8fe698fd36736f9a032b3f24a0db44e3eedb65bf622a4$
 $c1799821220671e89296ca79e7b1cf077117194ced7d809a4c6bf907be38089d$
 $76f800866994afec5ddaeb000b91938dee39a4df1803a9b7ce8a50d078114f5d$
 $025fdc0eee f42f9110d89b892d20f6dc0e2eb673ad6d9e1d31594e6e5fd42a01$
 \oplus $00db88bd747788357d31b5adfb0989d0ea8c378a4882f2d5cdd7f8784b0f584$
 $c2f70ae09d605a3f7042bf997f1c53c36b187f6ef2d6b89c17202bb9b6982b68$
 $51d034a18acf9904d4a140859068454dd7d9dae2e949262bb27de5f1fcb4339a$
 $ef0651ebbc8225e9f8a1cf13e09ba7e0b361667dcb78a59b93352549c6a20e4$

round number 217: $df6d99ef90bb1b4f0c914155820b92bf624a3ca95700a215f9b5992ee37da989$
 $fdcd80a6d17cc5253e85692a47482b0b4e3fe8b9ce61eb4e5ae0a676ab1a651$
 $99bd4e5d2b1019b2c05a9ccd286a9c283e116e07a7b6e1eac227cb27434e0329$
 $6f1311a7df662353873a7b92c6ad053107b1dc19f63b385584138db9c7f0086b$
 \oplus $00b34be6c6d315bbc711de749485a21487ef1af1f0a0b1815a992f28415417ff$
 $6499657c2ac67f6d13ab65da7a90fec057044485ced73067a0a25f3fb12ca91$
 $9d0cca18b9cf4efedf16428b22052615fc1327e0cb41566d5f480a036e955b9a$
 $59b0bd33cd9e95e69019a72cf35599da744e223aebc0319ac8bc0d5dfd71d75b$
For G' $d0c3e3b1a1092864f94bc47413ffabf708f1cb56c2229912e39231df46d72003$
 $8e92c1bf662bd7e2d475e098ad9cc41a0f66221fab38065b4bd2be08a023f527$
 $283427e35b36e8897bab859bf9d6c039e07c3df14a8f9c7cf7b52184a57cc7ed$
 $598de552760a78e879549acdbb513cbd4fd00e66da1444886a1c3ac3be0ae516$
 \oplus $00c3e7e10d746f47c59f6c937ed55662f703e467e3d3e8de10efeebf07921880$
 $ce037c0a92b11c1f0a8597ea3cc04359e2b00a891b4bba69da2bed79b8a3e6d1$
 $af5612c37b4c3591ff3579fc727788f554e1e69d1a4e350da948d6fe6780ac95$
 $b1526f0a1b4a3dde84abc776ca85e6f6fa667f964fc4483be48a32d9c8549827$

round number 218: $ded20956680ef4cb809f21168e30abe5a52658a7a01394a32cb606a229be7699$
 $54cd7647d1b33f40433348dee47c70e3e7ba0e52386db29fa42f9491a36cc004$
 $b1844592df574c1f4cde460a6fba3dc20249e76cf7b7879d6fc1242ddb58b336$
 $a3ac9412f8b6b51723dcbe35f89ceb73fffe231dfb09cf4caf80e43a81df30df$
 \oplus $00f6e0adb9f6cb034163f9f59dc0d389beedc2d4d03bcf57de39adab104bac80$
 $adf f7cb5cd36fccc8d0af07ed3f9bb03a420f87cfa66e1f25cfdb1ca3d01cb56$
 $4448ba615e859ac275f2763fc3b27576dfd67b820412faed72bb0f744a33a637$
 $43835bd732b285449883c49ce1279c2c2672d48c2224d9f360ffbfcb261c6fbb4$
For G' $000450ac7d47233cd4a8e76d2afd95ff22f3121f171ccf37ddf604145388340$
 $91bdb5f49acbfddcf07772915c8743edd62896b073bc3291f95371188013f687$
 $623520207add18849efc678ba148ccb49fdb6c50c1a9715efdf77ac2fc6b78e8$
 $df8a586d404536fdf5dbb71d4da4bb5b671f095d00cb38e96081a765e7d31d0$
 \oplus $00832e9c1d94ea4c6c86316cf2a9b8454500711ebb36a9b8354e171c6531973$
 $c8f1880946a4cf102b873685d1c1fc4c3da325e377f0a10c8dde1895d2f95d36$
 $6940e47c2cc12a220791790d3ae3ff7b26582b773dfa7df8fc3ef17f27e6176e$
 $edc971002a9fbacfd8bee95007935784f1795c856b1e9ce727ee372994d8d883$

round number 219:

24e9fbd1f83fc8c1fcd8e313f0786c1bcb9a7370285bf4f28fab0939f5da19f9
320af21c85c38cce39b8a03785cbe0439af62ec20b536df8d2255b9e6d0b52f5
ccff381d2d6dd392c3035ac0848b4dd9f9ceef3a57d701d7a2b59916b1501e0
2fcfc5ca043053bb5f7aa919bb775fd98cf791d92d16bfcf7f5bf8e019cb6bde
⊕ 0016fe3e68b64f36d851fd1d4c8ab72bcdd459f29a909ce55bd7cb6aeec904ec
40b2b92fbde9ee06051f51d237c85b990c46cfe24d90afb226e5fae8b78388b1
9edb4a4be4f9e02294a40106ebfda35d3efe85a1a7acb23737f70ae7eaeeb3e3
0fa28f6d16c7a2b74dc59c40f48aec4beb705db3507ef1942f6b61a4d4f2fb03
For G' 877e3060d3c970b82ed601d4d70e7ba67f36301ac2a668fe8b8130836b9a3359
4c3dfddc6f32cedbf044148d46bfa1eb8bb353044c939d748d698d52eaabb10b
75c45c561c32a6996d1e869bab33cfb9834727fc530ca601c98bbddb8d6f8632
43296d6ada8c3227e35221d3491c314708ac10bb122f69b1e62d5fcaa5e95300
⊕ 00be90e2ea7f0b9fac0c02b370f332adcd8b3bd76a1ed64497ff18706c854389
791c8d0466d2f48abdc308ae5c903e25dfjde51b90f524566b9b7334fc0f41f1
1ffe7a004a942ca77a0bd1c8e3ded9d7b7757010af8c5f4bb96e5e8213abb39
ebdb9fbfb9280ede5ee01b3c7a45ebc6df948ca7a26240bd59661109d9df5313

round number 220:

ff05ef908987f724891e0ebcf2db30064e2a82b2cb6817d47cc2531b331d1572
b84b33382a62c83ca7f1e5b203bbda96b0e12046c3c24af4c0a176da88da4452
24b9ca362f3d1bb89434aae3b51780a1626b5202d1c22a4ddc537681fbb20320
6d4aa712f7f10c12bf35594fddb3926787cc6a7d684e5b50309944cd3990dd24
⊕ 006d703cfc176dbff560bc529d8227010d44eb9bfe62e53e9610b52b09af9bcf
de6fb21bc7e23cbea39119d1eddcf6b7f7245567ada49dbefd991ebbf9d96307d
a4df4d3af8e2c4eddb16c867844e64cee4f1c28b9056dfde47790d62c74bf8ef
1ed57841ea7746355a56faf088d8271b6a05e8b97a2b0bd3d15f7232c3975fbe
For G' c0a08239b67b2782da0367a7fd490bb2bd0bcda8b8beba1c7e28f3071f70d035
2170d809e03a514d871c231a2f9fce544eb61fdc66b922e6f2fe6616a4f0fa6a
3a265656a68a3e1715575348ed166e343257ecfcf463f5721d5833ac553d0ba8
f2f2d563a43cf9bdb23aef3359da81d7389c1cb04d290cbf4b4ec37c36001387
⊕ 0052d99648cde09656a187aaa540ca69283fc149d0bf136d3521c7a2f91c98d2
27f0d143b209b53af6f154b236e624be4f56ce97af4755c4161f9cc7c72f75f2
3ced04a90b1846a21c4d4c93a57c9a4226f79cd5521be6e1e6de55b037cfe163
6ca74613fffc33576382b10d370871bd7efababfb22e7a3d762c74243b6ea2d1b

round number 221:

689fac75909a9b7c7eb2ee6f591707436e6929350af2eaead2e6303ab28ebd66
248123ed80f4820460fc63ee672c2147c575216e66d74a3d386861754c742f80
66870cd7dfdf554f2262843159e46f869a90894194f5939b2a7be33cf9fbcf73
9fdf531d864a27e563a3bf756bb57cedc982c412655083e1c636fffa07829aff
⊕ 00b51406248b8a046f1e748f1798b769ced8c87d3cca87adf7b802ac9cc8c0cf
aad7897278e26c808f8381fd6537cb0d117c41a12b74b15ee853be838933b5bf
ac9df89fc6ec9bd381065ad537f753c3d454e6fb5f35d1dc3f68e4cf7786b0fa
577b37cf7f3a84c7949525d06f1ddbba190d3fb1739d1c7e7cd82f67accd9192
For G' f25baffeb6c7148ca2e00d5809c1db95340ce16801a9714b0934a5e66c48e706
80094a5233e477787d77a81979eaea01e0d14bc9fe7722e4e1fad163df8f9806
cb52fad9278b5091a1fdb486af47614a07029a6781393fb86661c62f2eacb9e

\oplus 5593705bffcccb8a11ffe0295d9a00d737b74b6fcea682989813f80ea3e9cc0
 0022b4027e2a188b10fea56c3790bc7bd09e43aa05792aaf744986cecabd54c0
 7315f4849677bef5ad25d0b2891129d25863561585b75822599a9bbbc5272a2
 a4e408d2a9db7ed1717d1bc7118b4efb18c89fd8b6180ed3036352faa3348bcc
 4531c1cb5cec44d14b79b6a73ed509b5650d197fe56d7a6541036d96ac09bc08

round number 222: 2ab873b411117811ac9ae04e8fb02aa0b1e14836386d47255e32962e467da98e
 56aa9ff816ee84ef7fe213021bea4ad40960cf4da3fb63d03bdf6c5479a3fca
 1af4481933ce9ca364dee46e133c454ec46fbacbc04247151307f38e7d7f89c8
 \oplus a464d2f970a322f7369aa504a8a747d08ffba316cd9f9fbaeed09dab4f0b6d68
 001626f0ad8ba08db50116ff8b0a5e6e97d7e4373d37289f5af77a6a22e3ff71
 81593d97a23f0ca5b7121b4a70a6a5f251452879accb50f06f9fe71cca3a393e
 d6bf6b5931e7fffc92900397f93586f1d1a84ef78ff48241ae2cd614892a5b67f
 e3cff45eae647422b805601c25ea61fd95f26aef245cfed04c435cf9982faaa
 For G' 791bfcc8ed0c07b21ea8343e5167eee492a2c204d05be47d7d2328a6f5b3c6f3
 1cbcd6a593c98727a5f512517bf89cc5577ea8a62c5766c46378d863ddeaa46f
 b6f77f3ba3cbd86b62c08f7b7f38efb8b8b67ece0b9d2885054e9851de405210
 \oplus a2b190a3208f5b5a86568e634f096252ba52102bc2124cc8825216463720c8f2
 001ca46e566323848a9154c7e343e64e61b3348856946fa288abfffb472f3351f
 db281982c23912df9b2aa9b6d66934f6c6144736280ce916e250451c00bd6081
 5008fffeeb16744800419635f2d89edc9386f2e063b5154e0c470b3037211fd02
 1bc93a700c6550ca827bad4f180119b43356c915b0563b65d9b4078b59a01e9c

round number 223: ae5544bc9ad89c199bf6b104ba74ce2636ac01055a6fba04c5ec44649e56fffd7
 f3a26fb4d1884ac8f008486b4cef265825e7340f303320544011d98d6006f4cc
 4b23400229636a4ddedd1180642a53deeb55b33f0a630ff1ca92c6efda3fb747
 ab26a7de1565b51d1af3056af9e1cf56a485b83fda5057ea14a864d68997c22a
 \oplus 00c13c014ef91410a6dc5d43b4b8699daecce9336ab5756770a1a6eb4578c67b
 24fd638af6fa21f6c6b130a271f78262e7eab69446a7568953c8cf1b5dc219bf
 488fe39e237238fd4b7fbdb6d706fbafcf57bb06114a47904b1444371551659
 ca89056527cf6bf896943ed155d6ca51a0e44d2dcab6d12e6dfc64c441ea5d32
 For G' 0758a6bb6f2436943960f9b22408aaf311f68c86cf8bdf5588d7128740f3ecc7
 96cf2751f095f83edfbbef7ad91a833916aef90045b8fd281289d7fdd57c4eee6
 ff80d512ac9ceb66d9ec2452b1027180d950c830cc7c65c13e2b52ac51af12b9
 78aad32cea0b90042d232c57087be68904d93e724477ad5be611cd6e80d66e79
 \oplus 00dbce63438d41e3c94d47d80ebdf05a8f1a878b7def2c25d763bae5a3836757
 bed5b46427981d14f1ca27f59f8732fde058625d58abe1d092121eedb5f8248f
 4875d506d078d017c2743116e095301d61be58029aca0c58b1ac6f1580e6721e
 60f7fe6a7fb5fb1f42f570a53fffd1be14fac839bb4f0267750d94a87a38b1958

round number 224: 9478bdd42188093d2aec470ecca7bb9860e83630dacf63b54de28fdb2e39acd7
 5f0c3e27726b3e36b978c93d18a43ac20d829b769476dd13d916963dc4ed7303
 aca39c0a1152b095a6ea5b095a3c6417a0c88f6b77ab88ce2382acab6aa11e61
 afa2bb32aadee58c673bbbac3705070461f51210e686c479540012c87d9f18ae
 \oplus 00dade4347629a6493b73f7162d0f511678249a9de544812beecd9f806fe7ce

$c8226e4b1f37a8e9ea0aeba3597fb3da89546dd469b4ecc579574210d1f35236$
 $c363615d91a160f6fcbff15df54ac5eb9cc1e7cb0dfcb363fe6b675a95601f0f$
 $0a76efd9de968121768225a1f75a7195966f2cee3ba66fe0da2ad90c27671eea$
 For G' $8368d82ca97777f02dbe6a2ab55aa99eec0b0db264f3d05fb4a862e3708b9028$
 $1a9335d70de52a2e71c0580e2f016c8ab7f25903243351ba8f6130e23cca69b7$
 $f500147ce43b711b9815445197419db8ee903256b669998f873db9d14960a718$
 $5d2d4695be6b1b6fd65cf23786fd684b75bde9f0878b2cb6c887e9235d772107$
 \oplus $00a6d9eddeea71ff29891d81de694660429c96f0966e2afe60f9e0b062ce511b$
 $ea6695709229684e43fc5dbbccc3256821635107e7a2a67f54ba19ff8c143a03$
 $67e7d9cf74a538c0d5392c50c23abb0c8d1af73e007b145ef4cc7c3d987e4d30$
 $121c0151fe9a016291752cc70ee153bedf7110187303ee9bfbfb4b8097f150f8$

round number 225: $a2639766ea9359b95b787fae774e89076a7f99049b2ba7f30c4244ae564b1997$
 $2e506c6d5c96df5372229e41db891884d6f6a2fdc231d6a041d42d151e21356f$
 $c0fd5780f3d0635a55aa54af76a1fc3c0968a07a553baddd9cbf1ffc1016ea5$
 $d454eb744864ad11b99e0dc05f7691f79a3fedd20ab998e2acbc45af8064494$
 \oplus $00a0b207aa6f2897da8031fe4c6a120b62d5849f749daaf5994a95fa62145c05$
 $fa98a26b6ff254e14001c61869927388f72dd5fe505371afcf5a2b8f41cec9f3$
 $b1bfe108860c38834f4cacbfafef730dc458d566a7c92e763f9f52f91fde6db4a$
 $68862de265d325260bfdcd728c82d3d8b71d59579360bf46ba55178b77f90de$
 For G' $ce01c1779d060f043777ab6b33efae979b42f29dfa1d45182531245c133f0$
 $f5a0a79fcc4260323c05b5e3e249e296910804c391f7c5dbdb291db0de53b492$
 $e7cdb3909e49db4d2c6801557b26b4638ac568b6128dd173f1c5ecd11eea284f$
 $3147c440f11a0d4729def0881c3bf5aaccf9e8f488c22d337ca2a3ca8671ff83$
 \oplus $00f09d2c0e64e9e48e125b3514240f99b8809d0179e1ad6edb2778e0710bada3$
 $d21cc22ad1a04cd2174bcf3403dfeaf68f6d212994bb469f4d31fe1301249c61$
 $7ee443e3885b0824d213ae7dd6fb60ff57c01226873cc0832b79af722ce27412$
 $f82bc87680c3bdbc4b39f8e569641a5d3774db5ec6db2199a49fdb3cf0d14fdb$

round number 226: $c3256140fc712e81f84e503b249b0c08aa1d9befb60d069508d154345f4592d4$
 $c8ce0633648bb232235859b21b6b0c21db77033734e1babd8e069a5fefc9c71$
 $42b68875dc5bd91ae6f810d946cce04ce5f61029a94abe103ede6e3ce7b5efbc$
 $d2c6962db78837b263d11777bebcca114f2b48599d927a416e95224f79d44aa2$
 \oplus $00755d91beceec16b58b1d5ba021c4143cbe4979570b8f48b848e1cd8ab76b84$
 $fe446460c07991648fea4b750488e2ee9edf259351fad61d968a3e3381139523$
 $9f85f3671977797b7535ddd9d61206b1c01598b6702dfe4165580a7afd71a064$
 $2110f5b44436f98fb737957ce412c45e436bcf26ea127d584b276b3c2d1b86fa$
 For G' $f15c5b9362e6e0b965f05e27cbf1372f1bdf3e41b0cba8aa52bf234ca9e5327$
 $bc65b51de22ce02b4e7ad7e19608601e6525ea054c83449618e3a3df7728f399$
 $29f0731612d369fe7baf28adddd49cdd057a9095b111f0dabc4b2332085c5dc9$
 $6c0c3671d9b0fb62e7086d755fef7fb8d33aa4e190caad83d78f676a0b058ce$
 \oplus $00c9d2370aaecf711958c8c86b4efaf2a4f3d6d60163d4e408d7faca816e879b$
 $63cbcb54e75a97404736d5f2bbebe062c1a8ba34d19efc23ead2e6b37c2fc4f0$
 $742cf96b3fc4d90706fbbc5be484cdd6ac5fb283bdbfa5c2cd947a457d296ecf$
 $41ce86b8ad560063e16e0a24c7fa9b03bd6e62a2594881686802b9a5e2fea429$

round number 227:

503cd142bfc2974dc54d6084bac81c96a3d296e10689ddb099b5f9d5f2f95036
8a6253a4f22356acb212c71fe3eef45a826a4651b6ca0188ca46c6eef0952dd
337b12c52ca06193cdcd0090dee6fd25e3889fd96740515b8664461ac44fd8f3
d66399f3bece3dd4e6820b5aae0e4f0c40877f7780071925b2497354cfcc58c3
⊕ 009593903a618e85e564498c57e08d1089be1cb17b7d5413a00d697c0320b497
a8e86500f3563ad8438b36d31c68795897761fd8b3d431864fc29874a98e87e4
dbff4e7627f4f4907499d63aa310d06f37fe8ba2d692b137d40d7d70aadf2c88
6b741dc3e8fa8636f59777ff4c3998d568dd6ba39828dd6f75df2e9028441d75
For G' 9589a468482fc87ca896efa0bfcddeb2c25321a6f6e6eadfc08fe4bf0d4bcdff
ae7e490576776b094c02132de3807ca48d50319d1db8b5f231456c0b0737695d
dc8a7d2d17b0f97d5494f63950510ba92522160cae551871df5977757533062d
c2b0c974e6fb010666675198156cf8305dc8ec40442bb0557a4fd3424efce7f1
⊕ 00c9440c151a0bb940ad1edfd050eded343ac68a21fcc8100cb31b364e2a7164
22f537c191336d29a8d2cc1b342c2bb8eea310ede75830822e4cace073f0b2f3
2fb7f31e0e6685749e1fe52641f02945da7411530b34d567eeffbf2f4b06feb5e
d13438233e6408d8c55092523233031f8a45473341ed4b15707348bf3b406c

round number 228:

a942d285a319c820292908ed2891862a6c8a507df489a339b890a9f1d9e4a122
8a36a401756c74f199f1ccff86b61d3f50bbdda8b8919ec366f41a4687d539e8
845cb30b549503b954d6aa7df62d4ad476147bb1d2e06c52693b6a6e90f47bbd
1784305634bbe213157ca5e237d7d9285a14d4182fc44ac7965dc4e78845b650
⊕ 006cf1050eea983cdf72d81072fc96d6fc0502c297f478f038a08bc4a89da244
027f4c21fdda7a15a042ea84fe22963adc26885f80343afaea70523c922ca5d0
43f6214ecced20052167dd22e79d95d154b014b28c19fd6867e40ed4749b5c1c
d5400979c23849338d1175ca0082e81ff4cb700d987557a11224a38fffe9a6039
For G' 40e0645d35c3c5e83bf17f6f9d3052181ff4904e92a6bdf0bbe57dbefecdbb8c
8b7ec4e7440620e4d0df36d7ac571c63f32170fae085701f09c0eb74c7dbaeff3
3d8e3319d67c09ca8b131f11a122ecff56075fa561cd1631a6c581c55ced7313
84f157d51d418bea3258bd364fc801a56cb833703564e42d48e7c9b2c7a79d95
⊕ 00bb84d608d27f04983e8ca0644e6b1e8071ca2ab6ef526fa62124b174c31323
77e36d1d7766c148f8ea00af11628ed5aa50d14f5957503886aaaff4c89fb836
993ca236d562e195ddcaf3f3bc72466efbf7cb12e4465922c763887ff9a3bcb0
d6d0fd31bef80b4dce72a486b0902182a87aa7527b41d1636d28130c897e4c9b

round number 229:

2e2380adf3501cf65bd0fd5a6d10fc908f52bf637ddbc9803022357179036688
49e82088b60ee439b3267b78948b058c9d35f738a5a4398c84487a15f99c38c7
aa9245987823bc75b1775f11b0df0522a46f035ef9913a0edf64bae46f27a1c2
c4392ff683ab20986dd02837553137aedfa415b7b11d668479676876dfd669a9
⊕ 00af10f1c09484ab1d974ffdf331e84f6efc661b474598af7d7466993b7afb5ef
173ce47cb85be8dd09b0640293eca39c590f6afe11345106a44ac1a459d87bf6
24fec1f613d07999b1698cc56da7efcc17a93e81b612c26ce4cd05846740cd62
026937ee5011251b5235e5bfa76f9f4c3809098dd3411edd7b472e89db3fcad9
For G' 5be08b3d11baeca3cf3cf97e39069f855a642449ef9f1dc4590f8a0ea8afcf
9da9fa3360e1ac28353678bd3592b65971a1b5b9d220278f6a44800f4416c5a4

\oplus
2b912f031ee85f56d9ece21d50aa91adf094b7858b4f1361a609baa54ecfa352
21aae4a3b980a7fc2a19b0ff582027c4c294224e25354e25cf dabe4ed9d10e40
00a37b0939bb213c1f3d65c82fa3fe1802384fae3e01c9501ab32760fd195e13
aa81ae9f826af32924e164f73d83fd34502530d1bba00d2a224ba8a433e78d57
6182c44aaa3809f2101809b769bf006493de162175795ae fe84707723ac3f436
90e613ffbbba31f6e39423f3615ec01e692bcc153842b652526b557a4ee7e151d

round number 230:
8c905c33c4985d4647b2a75e0e78666094ded709824377e7645ce2ceacd3675e
d4c4f40e550ce4ba961f7a0767a610c43a9dc6b490688a2002bbb1a04443318e
6c846e6bf3c5ec001ed3d4dd78eaeeb3c63ddf4f83f8623ba9bf6008676ca0c6
501818d3ba05833fe5cd88f25ea8e2e7ad1c3a625c7859022046ff04e9a3702e
 \oplus
002ef872e22411d44465ab42cfc658c385d286fcfa64c98c6f1a8403d34c6dc3
fbf9830aac8f645a4543ef7bb2ec1a3e2276bd5179a54daa1e5e8d0d3510db33
2f228b8c606ed92ba126ef920b35ad0517fbfd136163f4e5f9a8b688785cf80c
7cb1e5f3f9d3ad05772cca30b4e8bde8eb6d95cc8519746b02cd7872472b7674
For G'
43f0342801cd9fd0ceaa31519af88787622b8a77ee564ddee28ea7f3b1f1ef37
2854ace28b5f0111d71c4a08114b6d2184856869802aa5480f28ab77f148f3d3
13eb49b4d056a4c9f4ebaa391591c9634aa1a4fe36498e4e4ebdd7740c5764b1
4cf75c0223b892135b8fc94dcc26225028e31da11e2b00e96fe9ea37af1b5d5b
 \oplus
007a8cd1c29c0356c4fb073b6f3994eb6d0e664f15a27f48a7ddbaecbcfc99fe
d45675f7bbbe75ecab267abab226fa8bdb320fd226cca6fe48765b5df fa08588
a577c55f9d639b9dc4d9d4b502c4daadeeb8bf21ab30fbc192d0e15c5d4fca53
6d47f9e640cdd428f912c2196385cf2c9031ae37b163abbd69037c6f6bf6b6b2b

round number 231:
bea44126bc4c9203d70c1cc1be3ea3110c51f57827be6b0b4666cd7f9f0a9d2f
3d7704f98380e0d35c957cd54a0afa18eb7be5e9cdc78a1ce53cad7153eabd43
a6e5e793ab352bbff53b4f73df43b6d1c6225ce29b96de5017d6801f3058ca2c
a9fd2043d62e3a92e142c2ea405f0f4671afaed9612d69228b8776ae88065a8c
 \oplus
006fdeef29d88aa3b7c10a616988809e0104440eeef449383bee4d2ecc61fca4
7f846a9a346ce2a6d181b066cdcc1ba407c56c48e299abf369f6185840f6246d
e2a454b42806a9484ffe1174869c54573e02994667dd0ac0657cb42811ef1cd7
7493b98a0f40f67e1ad1b7877f23957b7fde52dbf934fe056db8edd2db8661081
For G'
8ab8f9c3519c860a51366af5c1136c0f25ec38fbf432964df5501f0d0d76c9fc
02d91530e174fd7c3a30b2a36d97aa5fb767bba6e603b6475ef02a0ee8765bb6
9c8ceb4d353f5430327e8c175513cea4191bdf9d79758fdc6d36285118aee221
b0a5e46375463ba29d0b54afa3ed7cb8d2b396af48ab5406ea9658c4e0367043
 \oplus
00fdc86162815b0b5d72001c58785a8d51a07f70d4b648c52e7cf50cf6a48b8
f28e4c2822040d281a0686205793711dcc673294587ec42da0b23aebbbba98903
69d09ac670c853cc72cedc4218fa66973dd02ad2e9db8cc4ecfb5177ddc4781f
5ad4793b21d356b4d5a057ee0dbee59ad8834327745f63a531a06026590cb11c

round number 232:
cb9fc9959418a060cd16a0d7b6238f0d55b176c94a22337d888051536b618b42
f36e63b7ec02758d14ccb387c6e1bcecb89a12f5e21ef8ccab529131c992e44
41b327833382f7bac55e0759dfe286f820c5a4fc4bd49072aa343721b7d6fbdd
6e99c9d96eccecfb93756d3f7c9a3d8c4a8366f26289745009ab8330604a0dbe

\oplus 00ce05f42487bd8ce41d09934dc763f99010b26d6543dd6288532392df8b5df2
8e85cca94ae8e20dc1c425f11c4b5ab6ed4094ab5fe3e5dd85a202516c1a6a1a
7fa09e20cd8dbab2c4ec6b9297afb0faf7bdb532f5ef7f21a276243308797c8a
For G' fe28838b9a9d0dd8048b0767dd6d570b7b2cf010f1262ed19465af2f3fa72c0a
4531a2331ddd010c446ae9996b3682744c478b2084de88db2cea01f01c8144f0
575918c370f054203634833a04db427b008932be7d726afe4210e553dfd2b5f5
5c718b45f707fc40b050554de9a83324cbf54f90ae031881cd7926c56a9a3eea
719d5854956d1648ab0341ae5399220a30d5883cf437a3db3638e2b93ac15f8a
 \oplus 002262ada6fca285563684e45ba9d18f56772bbb61670ce317c6208ea34454c
2e9167d2d88f94fc3741e2a99cd979145c8eebfd579ce958e93fa5bebad61cbd
711751be175c2ce9f1820b2c7e0edbfa2b627e25ff7a9a18792163282a0bb31a
e47833c95d4872c7187e5c49a1053c8b25f3064cfc341cf4367b4d8fcf1cef04

round number 233: 51cc61b09f1dec290ba944f4b4ecf4c5a1c4a42f61ee1f00d372c1b4ead6b07d
eba f1ea6ea9780d5089676daaae65a53c9358401c20a514f172b427083445e3e
13b9a3fe0f4d0801b26ccb484d3602d77811cebe3bef5308421312bfa f875790
b14a52f451e12397fe6a58a1f76a8731af96e293af5a819dce2c1f5fed21b4cb
 \oplus 00d7a663c63bea221ac760efcd45e77178479437480e809a8160625e2eb7755b
b64d4be6717393bbe76ab4750cd97414264131f1ff670281cc3e4827d54c45ff
61817c7c93769426396da2e3c92753605d8fb1147a97bd9fc3bd25289b616af8
136b7134adca88d14aea4d294adad2a4ac0036570bd8c049d58db2f2a03ca9b7
For G' 13c09ebb214b24110981d72e8c1f6cb920f99b32c8f8151d9663f8f6b501bc79
c87f11a87fc0dc0175619398023b6f5c07dd032aee83a6ab2f40ed6504a9482d
66dafbe05bd0a941d25e6197a6e8dee09731b551798299b45845ed40918df095
e56b9dc825648fb37d1de7f29c1e8115268e700803bf2f0043af36f5dd08e45
 \oplus 0007187df0068870fffc55f8c9cfbebc46ac29ac80949285e150324a287945a0d
b65ac5fcbb40af7f32fab073478c10779450f19e61ca2db7cbd84ecc2abfe4b5
455f5ddf03e1e1f8cd23a4be48be96ed466950fc96c92db41e0522e76a11f8d7
74483091d996ded2ac97728a23e67e530b543eb497f2c41631c91ff3d5579f6d

round number 234: 1bc7d35926060b116e241429a913b4d983301829e09f9a5212a3eac461c5265d
e255409be4136eeffcc2afa63f2e47ef74b5f03d6d53cedb150a5756081bc172
38df829c3b9c278b0169ab841151b7259ef7aa4178ee9781ae379734e63d68a2
2123c0fc2bab46b4801588bdb055950396d4c4a48241d41ba1adad4d1d1d7c51
 \oplus 0048f9f6cb46748a0b07df121e250cf49e32932aa751d621ba9c30a0a2a2eedb
d9c12e83fc659ceeb2b80b8281466739aef fe23abd5d1daec72f843ff41df f21
b1671fe3d9e28a21c850f30f77c40cf6b5ee7de0bc0fbe41ea48e028a0f864db
4d2e61c796c1953f79ca44b16431df7a54ad289b60ffdc87d8d39f5c95d9749
For G' c786c6d14dac61f64488a210e4877d4a3b01fac1b13d438360dc543295e6747e
25d454c480737e479b23eb45b77f2b938df2b48f498b1ce498a3a92e16ac9823
85a63f583148b91f7dc529ee56480dd158e5ade f4bb4004640cfa7fb9c084291
23ad59fcf25161d18a9578bfff8ff462dda4ebc944deb167266290608e7112813
 \oplus 00b2fe70304694fbf9690ae7f0efdeac78637628e10fa2524c95eee6da85f704
da8fac78b583febdb8a3fda677eda3cc4aabfa1c39b0db567eb58359c908e639
cc1090c4be9746a7bdbbc89c06661f6f4c70e9cd73275905a368899adc8e6986

f86a78df2ab7d2472342c345dc99912daa0afd1f7744f53e47ff9c54e2330e68

round number 235: *8f2aafed407f9b6523cb3bb736b82d1d028b0347ce4c73a83fda64c367c8863b*
946e181876f2014e7aa424be6820d6da4a1207d00ed375d225d369fc063e5389
b89d7fe27eadaac939588b6695bbd32b91d7a1c4e129c0447f771c46c50c796c
 \oplus *0da13bbd6ad38bf9dfcc0cd4644a79c279ec3fe2be08c3dc2094b8d440eb181b*
00dda02776f8f280a3bfd4d8fcebfbfe69fc7cbb567e9f82b7b1d47287a9d314
39d0845660c7f17c93cf300e8cfa5ed4fdcfcfa41bdbe89fa6fb588b2ec423e9
f1d4db4d7bd36c7977a00d6183bf4bee5283672ddd5f243f7fa0c8aea40ce2ab
c9fd95675e80f265db723e37327835042fa018c64db6922d11cc8ec849b6eb23
For G' *3438a17dea50dbde1a8f71468a3e643628ce95032e1d12c49bad44f63837af*
5bf8bc35f080fa238016e3c092885fc7594e93703bc7b2e6162a77dfa47e1a49
b6af9c8fdfffb8c07ee172502e12be1495442238935943e3a72e6140862b17db
 \oplus *c72123d8e6b396a9d7bbfa2466d7007044418b3aafe34c21d69a5c0522267bc7*
005ad691fb534a82a8ec32dd04b9b3cd0b6cea6442dc8b70e12878c6c7dfa1fd
1f44fed93095136eee61e5741565279d9edff40722be55637a7e2a60eb0cba9a
a4f318290c8a6748411fa1711cff1f6e3b847feb071d676534e22d91556772d5
250b3793d69cd6e1512eb52cf4ee8ee0c7307ea5e7d649f98932e027cb9f5003

round number 236: *f70fca368769e58074ef6fca5392a36b777ffc9832ec2a886bb0b1e061552fad*
be9c4e1635f032e96b14b0e4da880eb7ddc97415089d4d8328317728fa706049
49a4af057ec6b04ef88607160498c5c354c6e93c76e47b00d7d4e861009bc7c4
 \oplus *5caeda3453799c04be32e356324cc6564c2724f3be51f13158361c095df3388f*
003766fd88ea630869fa08f57a0bfb1dd175242b8a66a06a529103b6b55ed927
168e673bf372867f6c52a0ca7e64ae4770b66df88bd91362c4f51e42c7dae343
a37342d7edf5dbf2f721655fad888bddfdb483ccfd97b8f6a4c59044f9001d75
db1cc184843780a4e510782d90612b0647657750c76b6e511ee3e0b5ea676295
For G' *6277ec11a6473f4944c5c96c1a558e69e00334703d5a5ca892ac89a45cdb0244*
bc42ecc015e94d6e7706b487ed785ac79167771979e7856c545dbf4f72a0d312
5c84a6d375df883ffed32132eda17aaec05dd39444248693cc4cd1d34c650ee2
2a144b302f404886954f0892398e908371f59f483505d85fa8bc22e9b92bc434
 \oplus *00aee05156cd35078ae2898d68b0a08c76afdeeed6c2c2bf8b8a2dd050785143*
b8c65ba1182376acf1c0b9c968e8cd488063244a6f7435b9887e6c32c752c352
c70eb27ba038f792f0a690d5f6cf524caa7f265000aa7faefdc16820a1fc9fb1
fc2c348ddbc15d5781bd4a09e8626975917d68144546ac48cad236d120720e99

round number 237: *38accb0f8386881d15673f29995876a60ad8b3b88a8ae23921b256d40bf68aa8*
12292dc682b4960746102ea4eca0f0ad7f19ed83445ee1ecc4696a3daa830aea
d7edd293336bbcb0fa76249a9104e1ea9726af08b73c3f673117825f99bdab187
 \oplus *b21bb0d74e1ca05b229b7ba22ded500b4253a3793a9f6046d5fcbcb7945a1af7*
0014c2a6660cc229f618494fc915bde75a0e14bada6e3400e30919bbcf4c2245
df34592022c1a00e82d46daba00aa43b642faa422d51f7ea1392f74b35e5ac5a
e63667ff9cfbc4a27217c5d4e8995ece28b79331d9a5e4e79a9a5b12f97c301
6fa63b33d349464e12d807b0fc1dc41303a956c588223a3e3f85200e2d63ba1a
For G' *d90c40f08a0a4ece2740e172e52ee596acea9eeb989e171926a4740ca3530704*

\oplus
84b7610dca3bc286c60d4e8590978f110453531693b0d5dc23d37db5f210409b
8a14a8d5e77fad0e75b1e71b6e28e26a22f5c4448ef93d318db9f3ed999153d6
387fbd48115d114f2429bd1ecf9f6e088f75c70437417626e14389959caad62
0043c4e5917393583ccd6b1f0b5e44a30dc5d9f2d2b6ad883e680721b16f71ff
311b5c828306941f9efbabe296036565ac1bf40d8b66359d9401262d2db8f4f0
f30228318caa75d509a0783077f7dda0a984e759e3bd4350ea996cedd0f1a5b9
1358e56a9eec8f1c97519bf0b0bb9c77f188a4312cae12ff9eeef4a737e762630

round number 238:
8b09a9e58a4a34e37f7666504dcb4150d6a70250e4d639c2bb4f6fc432a8edcd
1d74e6a0753609c4c4430f4caa54961b3647c1690f1606d7fb9d769f66a6b031
dbb56ccaa40045804335f45ec78b4590e189b86e59a83d68d18048b44d7286dd
bd8be49d55e61530437c12d1f0941841faf5bcb2bd5a78ea799cb9b939a0ed38
 \oplus
00a4579074f78a720b0168fa50a4776ffe1ad6048ef58b492ebc50f048cab803
b98917c91be4f221b8a769abf8697ff13cc46fbc4af0893e3858c6cb96af73c
6cb5a0f18e01f00cd3b2f6e1c73aab2cd53b000145c7fdb83932a29bed2bf76
e0f8db9cb99a824b05d5e7a49d49913e0b4445c0002cca0fbe8c20193d60e911
For G'
4f84151b79dd961b8d8a6dee70a135a12f47194a28ba9118cc732d123c76fbb5
ac3d8f493d569958f6e5670694ea74a848a71b18d6e041b7d25b98dfa8b46b79
1680e46bd5d8db7c119f2b19df3fca8b71231d6d447e6167209f004960f66f2b
27589e1ff95e08651300215c426a97797ff8416fda059df0fb72ea27bc8b52d9
 \oplus
004bfc25807ee6ca09e0c4d9aac3f9692dda8db038e5dd13d4be8a28009cd98b
2d3cf15daab5ab73f858fd2d8c27f6936003b4d2a033f7e0c011e77a8edbab33
a9f0c9bf0fcbf40ddb93e8157a73b779627994b4aa7486f35af7802b2312bb
5cdaad2f3fd757967cdd87a41db6cb6e143c972dccc2d5ff7f10de07adcb4ba1f

round number 239:
adfe75febdbe9174770eaa1d6f363f28bdd4546a23b28b95f33f347a6255cea4
fdf1696ed2fbe57ce466e7523de9ea0a83aed545e68fe9c3c5b054f009770db7
00cc3b2a01b58c908702bf00b1eebc34b2b86f1c6fc0d0e8b2ea2fa0597dab5d
733f01ec7c977b46a9f5756ddd897ff1b1f972bd76b2e5c71099a004c00429b8
 \oplus
0037b83a8f6cbccbeafcf2d09738151dfc1cf503fb109b40c9aab5f655384ed0
d244983cfde99b02624848b23d5d973cd9ff52ca1477118406037e0fffed51ed
9c30ac9f76518c6704b210c46dff503bf436ffad794f614d77af39247c163971
cbc73d2eb83ce203910afea9b11c5df8f0a57501bb26debb34522f3167e6da4c
For G'
cfe93ef9a370d1846aa937da62ccc8029d94fa105f4c0b18cda73a3cea223e81
017e1497e3322b0ebd9a2b18cd823b28a4afca76d3b657124a7fa5266fc04abf
702dd42524643ccc44b8f1ca45b93c084164f9f0d415e1d3c5f7c94bd57d907b
823330c6895ff36fdda6f85fdc5c176bc4d64216c748070a7f0a5d603fe8c64f
 \oplus
00b625981a4a33515d2a7a5c5807a9edfca3d7c2701fe3a2b3059313043a8c3e
10ca22d1031bb0a10bac36cfaa519810463c667417fbb0c2deb38d4fc256c717
e12c829256ee0ca39c652bb0dd42d1cd5cf5ea50a1622acba7434bd898e8cacc
0548b417db330df6cba9249074142a5a2d178b1462423dbf02c07b10de099023

round number 240:
c9cdc432d22dbf9df168cdf80e2a3541c8a169d8a210d53a95818c376d80742f
b5f1522f127e7e862eafe000b47d365a51206947c898db85d06310f69a5c5a9c
fc97b577e400f783b0afc4dc11ec0f468e90b1168fb1a5c5451684256b922cb8

\oplus *f83cc2c4ab994538ff8bc46c952209415c07bccd943b7c24cb8f35a7e2f3f4ad00cd5838196670b60f8bc1303ed57c3ff826c3477fd87e82b4ee6dce4b1997f5c43451c19d1fd06a16f0fc22511c074fd915e773713700dce64134223c27deb*
a7bf06854d6a9d2445f2023f652338cb5b8a0be5e7dbb04265815faef198eaf6c78c55d3bfafbe0ffd373e468e8e8a43bebbce6e7909c9e4ec0b1012b4a5b42
 For G' *5f1b61b93ae2d537834d863acb61ef61372dd22f53e8ba7ea2a92fee18b2bf11b43646e0299bafb6361dd767d3a338e293ac02c44de7d094cc2869ad968da8910156b7728a306fd8ddda7a98fbedc51d9b13a07577cb1862b482934d955ab7877b84d1526cfe99160fdccfa8483d31e9c1c902a50a3ab57dca2670e1e1566ccf00669293265a33ae487aabadb869966d64d189284066626ce8504f734b1531f93001476ba83a0def16399ff81466cbe940e7e820c22df4ad0cbbec78b46b44644b811ee12d9d65850593f7dca7f737d154875715837e1de17ec04f2c8579ad0944f72eadbffff287655a0341550ee11dcea1b73d700b91416b707aad6669be*

round number 241: *009c0acb4bcf2bfee30cc830ff497e372305ecd5ed52d2becf6aeb8931ed50e9b217330baf83808fc0efc2916cf62eacb13730ff8bab881e0703b4b99e27775b28051fb0d65e51f4f0e4ffe7be3cca3b2811a8d1cc1ec1634e91df848ba217944407999063bed80058b788fdcae1e567ec002b73abe0ba854f84a6c9b9afe9c900b8977e8afe47f192696616f1ba962972b691502f1de1e744ede73a2b87a06a818fe2ffccd6543a5b2e906e337919ef58242924e1032160519ee8b63b2898f50b5cfb4642d6ca559a873aa6afa0cb25ac58dccf655aa4363f9962fbb2d2c264b4b8ea0dbaf7717f9308e5daecd62e461a2b6298cf5c37993c6abff7778a62a7df32a1cb8e699cb372d977308790c53fc5b07138ed8124af9609d53a78ee88437018b81a1a2592024489fc7c5f30bd34beae48fca2439c09385d522e6ecf54ad7a993a7ad0a5dd8498d44549eb808d366d12d402ac67558866185c2c0671334f63b899301b1605a7cfbbd18d320352b32c312374abeec8b4d009b4c3005715f0014fdf31cdb93fcf7076aaef9310a98f7347afc92a0eceb06f65c001c8b3d5ef9f2ff9b9f1abc85ce5bae34f1750fbe5f862bd5645cadcc2c139d529628b9a06b37ac78bde4a864aab2b5a036808a936d59c10ddf049f974ad43788139ec773cdc5375298df197cfd6e7bc7a9b41caa82fbfaef4e3a0e4541940f83a830ab8*

round number 242: *249db5c1316c0f7165ae260ef3e81e51b37d85c24f33598b870cb31a6af0833398d1f46355d4b59bc152ff5f8f3743e91319db6aa8a97e569d5c0fa50fefae2359e4f694889ba16a63c541119c011e8449741ea94465557108bd7f208f3bb20f4c1730b811af17a18706a0642c87838da29d5a271579fcdc420d36ced749e30000a7caf0416ae0c099e6fbb6156782fdf8debe213e3fa0e6eff2d32ce10dd3bd065cc519abeffb43d534dad7c752d0dba6e6fa756b92ce3b6ce9c9106cb6d0c5c5c7a8fad9bab2ff8a407f0a7ba866b9ee949439cb2106e654d503ac706f8d83703a6ac0e6f67cae32fbac6b93edadba4391cf533115c2c08f53d39af49ff9f3e7d7efa43d0a37c02afddd7ea1cfa732840bc47f21c84490ff893a6465b51d89ea4781853f2e878ad25248ae45b28ae1286329c61f31c5144ecf7cf8e7ed0d11ae96026d4175e03266f0e9dd0007a5004b150f7363ca1f2ccc6ba415eff43cae7dae6283c91cdb32d5aa4a9bb74e19aecad99be5d4c6f1919dbb40a867be77d00eae86a731546807165269683fac67ed93517418ba3c0e7876fbebde74b37533655671ee692cc67cbeee00ddf964db0de7431d2a9affeb1e0961e04c60439d*

2683e8d8285b487139f833639acca93e374313f0744c17e34bc842632cdac04b
4ba709371722b6560d354a0ea1962a22427107e4720fae7895d84515d6933a8c

round number 243:

⊕ 3a7f317006efb1fc48ddb8e68f9cac4ba33be3710cf96d68fe60368bfd508e9e
8d317afe3b4ed814662583f3659332bd77211fc33bb06df1b5c6b563597ee69c
235e6e51211395e9853e1be7a9783da7e08a908f4453975c687c8cf543f8c3c
2d5a78f7596b0fb5fd0c0fb6a2e37e10c9574246c3e1ccd5ee55423d61af324
00e5502c20596b490c1d8339840d5d3b09f3009ce789ab35d12055203aff2586
a783d2d21d1e288a5ee2512f1666d82cab0c0251679d174dea2e300d5def5f27
f030da973ed5dd0cef320e823a9fc5a2215a84067a527bb0e0ecbfcefb897d49
966c2289fa1b5e6687f0e234f3795fe9f12fd23def9f96f3c874d046102ed23d
For G' 3d04229a3b63a82deb8fce82235614c5d3ed33eaa6b847778e684d982fe2adad
c12e69bd9bc4bed19bca8a39a24c751f6171814b69e3ba5ae5962fc21e934c3c
6a88fefc4c16721f973dfe44ccd36e33f243074270b611870ef82272258381ac
7def1f2bb37be5206fee71ae2cbb8aedc9e5a2f43c1618c03f11f50e8ddf1e7
⊕ 00b20abee1cdfc8d53bcfdd1f58842eb670122e5210968f3279979c10c639042
a680df823fb8240b03a54141ced1e3d16dcdf1ec5ca04ff0efad6c2a1d57b4b
eed63ece3cfae684eac9528438cecfbec9d212c789a4a360f0b8fd9bc7812cbb
8f630a24b29a57e7c909d2e3fc00b739488764a0f46e68c9dc7a82b66aa66b6e

round number 244:

⊕ 9a615c26b6dab544c03bdf0b91f170aac8e3edeb70c65d2f4063abc7afab182a
b2a82c2650f09e38c7d2dc73f5ea91dc2d1d925c2d7abc5fe8856e0491b9bbd3
6eb4c61fc648e56a0c156593e7f805c1d014893e01ecec88903331ac86f175bb
365a7ea37051d37afced8b99576808fdbaa61983c18a3e96918465c63421193a
0070de35aa0da9dac9788d9fdd2f7366035244739bb122ecfe1a16900755d0cf
a3a2e583f610d2baf6b4f72c98ef1980c53cd4fdcca536de80ec49446c984d52
84de600f61353033ede96ca91bb0846cc073fca14bb94db18e16dbb3de431018
8946f6f1d9c73b4ff27f99acaa76b8bdfd3dd1caf7a23505b3be3c44f7c4e9e3
For G' b62824daae54a0b8333353d6de562eb4ec110f87b12f84a9f1345923813def67
aeb63fa47c9ada986fcb786c9d96ce0cbc7e55ac29bea5eb6cf900bf46377784
5ec03270ec949b7df4acc0f41da18d3b911585f912b2e7fe40dfe9e202ad17f2
8c150f01e1b2c7a6e775f91ecb0f9794193e8fb7af0945df8b9de6827b9a893d
⊕ 00ab8da873a9526593c1f178b9e519c8817ecf68627b58309b444ac30a43883d
00448ee6867814376ef5bd5d7a2e79ada58373a8b2b12f6dcdc86ddbbc1f0e66
d93a85ef9660f34c4b75992e6ec008dfc27e2cdba009720e09f29dad5ffc81b
9711f870cb93fddd87b14156577ec5fcad5603af12cd89b9f76d0b3674601bea

round number 245:

⊕ 1182131cd71c9e094352944cde03cccb1a998eb777fc3be79bd57a8fec8e511
0ac9a5a6e04c8231662b5f6d05885ce82146a1e1df8a8168692740fd21f681ea
6aa610a77dd559e1fc093afc4881ad1067759f4a55a1391e25ea1f58b265a3bf
1c8852a996e8350e921235fd1eb040479bc84936280b93223a5982c3e5f0d99a
00b16e595f070c4f9f0434fd46809e985cd02a37fce2ee03e525d2a215766dd
b9e50f4146d8cb9730139b6075ac6b617d8c38e279edb2bd6548a97aa105070f
9cd598f2ac89558710c0ca22d139e2ff3a7110816d527620d467d7e2ceac5164
b3e9de0ed042ae9dfada92c58009df240ce64321fa632d45aa8f12f27ea32a1

For G'

\oplus

round number 246:

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For G'

\oplus

round number 247:

\oplus

For G'

\oplus

round number 248:

83a972dddf2dda0f2a2ae67b3377c6d6fc0efd354dc996a7013e08b7e675aaef2b142fae2ceaf013ec531e7b8b7a119fd26049b0f8a86a1316d64fa2879e287fab79f15f29449301b9966fb4d8db66d326734a8b270dea040c038d752dfe91b04f7712a213a7b60c4b8489c715268b4688c18bdc4cc667cf0edb40ffa92d7b600495fdd7711b17b063180a89d12b8e9a56f52f7a1c313b263aefef8f58a80fd51f414a9392502f3eae8d4da123f8a882cb7f7dfbf13628e97417e4ac809a8c1f918ed1c63b9e5ed25f7c55faec4a285c0cef96c0691117f6c5ee2cdb25703c4dfbc18977d5f6cf7e76596f5ea3a35a246c22908a76b65fe2ac42e9a718e1a04

337d45881b9246dc56a0b198835253ed79b2dcb8b1ed5e47ef0a82df9f83ccb32caae7a69449a65638c40d702437895cca9903a66733d50c6fe98780f386e5f6738855d15c0c66ecc9f0de99b84fef5d048fcb38f34f3ef18dc8ba7cc9f2dba6618ca746aa9b9368c8ccd146b0ddb5db062d0437ada1f660f173ecc21aeb3b1100feaca6a255ef5e529db18c95a2ce23f9c3bda69523d7eefc0af98752d3c626d57be580294ffc0e33b2bb50ad47df1a4d86d5aba9df983beec7c9fde4e7872462fc587ca5cdabb6cee1120abd0af839bf076001d1f78b6b8c47440c2a9955a6b87be39f748ca162f90ac97c2b9e65000aaf8023a0ab6215b24f54b23f5fd19e02d008ae36cdf4932ecf2e25c484caa9fb24f51f8ad813bd1e738bedda53a3455653dbebadf2d42de53daa882b91d191f344b099e42fa62c1ab0e0704a4603af7209912dacdd3e6ea3a4e34914e8f2a9cdc4b4e1cfd2c9eda1ae088eadfdb4b69bd5c65179723ddde699b685d162e4e31b563a70382da299a958b1ccdb28300dc85f661c90659a4101c8f2a57ecf682795f500b9985f7b54a6be32b327f0f3843cdf399e7c4c91b059723a882f831b6abf5e0d1e2a1f246a208f94de0fe2ec4ce9a23fed6051419b1dd8866c37ac11be7f1b5c3b8949502b33f4abb38d4613dc924ca625fe3d1d5c04d337b8990655316650b67e06d3ca3e7da5e2ec6c061

83e92eb9c7a922043d001416f09dce8071611e24ce89a913007b58cd500a95f9d10226bd065a580b76b62089705646871fd60dceec4d37812e4e7d176162d211740dadf9c1cd5a0711cc9305451764bb3fbd38ee504647350cce3c0b5b4ef50a0b197f5dd3597ee75c7dd17264538b0687fc3597ab4041aa571989391ec6083300e15977b2d627fa1dd1877c3fcc6607bccb62ba65fab79792d3fbe263d7bdf459fb0523adc7f474b6d068a47bd26e933aa36dad1ebaa811ee81c3ddd56202f6e9c0b65470aa25674ffe3e6e385b0d3826f6c659979e771aba4c009b3b33d51b2cd9c71cdbb636475d9d95438f9560079c4073136e79a4d28fc3413acb95f76f1857c82a5ddad373ed3a10f93683c2dc47ba514135de408541868c6e82cac7d159e28724a361d36e0aa8920a969e02758b15048068e546ab8b8193daab82d6bbc93b2d37ad82a7712796b2fd79233b22a350122774bb99c6925aa33d20bba76a09996074874f2081e24a813d4864b1d27d068c0e3efe68a7d4fd5320b72e2e0002ee1ec2a9cc1333ff82458da41ac3d1653be3bc7a9438ace2106f236ccf3fe3fa38413c3d00479277235163eba240c3611c74f4545a3b99a6e52302122dd11f0d75b8f43af9144a42ee36b577a5c4d73f1041dd91a86a7a36d2d95a1b9c61cc6ec03753b53900c5f5af24ed09f28729f3326a58ed66e9558305fb75cee48d8

0877ce757f05fe20d1936acf51a887cdad7c9eab731e8492a8a32f33dd280d88f9239eab9dac7fc066482d0b84281425756063f2f79f90c0cfbecab400d0ee1a

\oplus 91a69c86c7f851653370e3a692d468bdd2548bc93fa044a76afc02e8fdc85bb9
d4e32c1ee21d8329a408265caadd06fe3832a69da7dbe77fe5bd2ab27f574583
008dba4f3f93d05255a9e947fffff23214f692fe657a54efcec068ec537d91ce1
48808332af76b224058c5d402da8d2184b85dc94b464f7590cc7793cc23422b9
40e308ee145b5a2316411eb4a836b58d2ff62b464b1dda fce84e8f05405bd4d5
64db3012ffe22e1c40189e906814ef5bee78c5412a0e2cc159da45efb46b8b84
For G' ab9d6e8f416c04012b855749299010d2281b2fd4f4a7829a396e34dee05f83ef
a6694e77365aa49789d84342cba0e439ad24bc52d46ff31e5d3a3fb895fc74b1
e60a274027bb33b657884480e86ffff59c4053fae513f3bca4887a673b27c6a66
75957273276204417e5a5d0419636fb8e34e656d39881f257f8a85579caa38f1
 \oplus 007d90cca2d0912f768a95b2de946d2d0a6c40f395699673fe6af32e0df4be76
9ccc3600f54bf3dbfcb6e96d91ac5130c3662b5cd1eb658979629c4169b9448b
894dc505598b3dd9ea10baee1f326617c816ef9f46faa86c9099417ae5b7e2df
83baadcadb3d49a7f9a017bba4393906fda00c17fe49d9f2acef7f51f71158d8

round number 249: fa743a40962e72843a8388ae57a4ecee515b14d24bbca6e44a5a1f6eaf11169b1
a31d9932dacde463c4704ba980c63d3ee5bf6643fb6799c379b388c2e4acca3d1
459468d3a30b462531fd123ae2dd30fda2a08f74bd9e5b82b28dedbd938f6cb0
381c0c1dfad35e410b8ccc2c9e9a5d64a63dc8dd5cbbebc676f5dcb3cce0708
 \oplus 000c8ae568a6dbb4289a590d361a03c26f514940b45beb13edbb6c1688e664a8
16a7b12f8bc04b4b70cc04e83dc48c3ff6bedb6537a177ffe0fd103fbae38968
790772ee8733bd29b9acf15a4403dbb4894f95f94426ab4001164553107498aa
32e8911f5681ffcc10114138fb5f7a01f4a455223bdf86a2c1f2591e16115d58
For G' e0fe43e3bc952e5d0fc2fbf7047dff22776f2761ce14e9c704cf70edab3d993a
a57877c311574c756eaa2f5a0cb5096e42970e058496972458a3f9fc45303a6f
47e2457e300e6fbd98fe6ef75d994e0c13d03117c593a6d81ee70957cb88b9f6
2fdfb9fc5f4de687fa4abfbd5a56be1eee697ac7c1c6d7d365fa066bbb6029ab
 \oplus 0033920072e26e3b0efe83e76b63fe4f7536b82a620fe1a686d9361a028e680e
9c8f103e6f2011c54c6828129383dfb13993454de51c443364684e01b9bb66b1
10c4a34e0e454c3372d39becd33eee5ce8c81c4a85ca1ffffa58295a8821304b
9c18b1ea23eda241d8cb143bcfe169abbfe3c00e398cf72091ca4b460de8b7bb

round number 250: 78b0a5fe88a9301219d1a361bee f277ae004640f918557481a9afc79f70d19b5
ba281d510daf28b4bc4f41bd02b1011301bd26ccc6ee3c994e98fd5e2f2ab93c
931a3d2438fb0c8851e360a6deeb492bef1a8df9b8f0c2b39ba8ee83fbf41a0a
f49d02a92cca2800a98dfa32b6dfd7bec789afee14381ea69d04d52adf5a50fa
 \oplus 0070b9ccd19ce7f7f5ad3e53dc3e66b678cfffdbcd4a3e3671c56a179941eec2
be55285b725a5bfa03f0b504631df81325c541c5c06153c89a70a9353c272120
c6c1cd0199de38361b54002df1062361f553a23909391c5c09515a4eccafe51e
d6452db96a2675ce6683ff90bc902ecd66027a739119f1073c371a72c2b66d46
For G' cdd1e3ce774066013c78106f1e016d02599f4bac1b0861821ec6f7a9b3f13439
f767fd7e775db022c207489f36d6df7b044b48618ad3173ccbb7fdcf8b5cde57
26e6303e4b238eea2df51b8ea7a050fb182d5d4059b927e4bf200d43a989bdb3
c708167ca044c62281ab8695b7d7b5518abac9f84a20f3f4304d2db6889e10e0
 \oplus 0049185eebe926364edfcfadbe5a3603dcd3fb223c4126a389aba0b219861774

02635e1521c1e44b0877290e34bf7a0624faf744de92a76ee327f071c85f1a2
be6416874259721e1902bb1d27d1e885a38358acf4e65cfae6a79c3e18443855
c096d91e4e8c2e17c48fe9221a80322b02f19b27580f05ef6bf06b78713ae13e

round number 251: c01c325935d7e5ec7c9d3262d141cc98cb9bd45c21697e6b5f966e6e4cf77704
7d350a7ff5734ebfbff4b961acf90024786709068f6f51d4e8546b130d981c55
dbf025a12534be4ab7608b2fed6a4a1a492fc0b1c9deef92f9b4cd375bfff1422
d82f1046ec5dcecf0e05a20a4ff973a18bd59d8521efa1a133cf581dec3dbc78
⊕ 006409e58e860113efe2aa319b8f92f44d48ece7fcc4f639a41dc3652feba4da
f65cae1d2877d68d76ae72e5f7c79382dcfc2f966c427d40794a6021afa417b
daf59d7b159f99bd1f0b3ee88afe4ab73b97fc97480783e5c9de03133878d5df
9cf4434502956bf4a03da57f33d6ff5fcf25f94c6ce27b08594a92226e91e625
For G' 98fb909ca9403772a7dfc2a05b5b01854cb08e27494721976d571baa77234df5
04a36b569c5469ca7061910269a57d20b1b715c73a3d4a258582fb97d92ff598
8226b9097afc434f7a0938071b87ebbae05ecad5f7b1e5987917db1cd85e607
9ecf62eec8e83545246fb7ad57877a884b52df122ff61b5bbd46cef9a4f1dec
⊕ 00c749da185c22fc50a5bac2c40f3989fcfb2a76f37bfeb391752d27b4766cc9
df9b3cd552ba0a2831cb7265b9b23fd93fe18f6754f887a6f8bb72229df0121a
09fcc58e0ab184de58ea679ae0d8165ef38f8b3564d5cca6108b3610a2511389
18b7ca83ba17ae89def23e382a69e555ff7fcfbef76fd177a2897697c7c6a3d8

round number 252: 783bbcb51e4ff937f98534ace5e6c86d338bbddad8852fb8bad0b631cd3de8b
69a48e27f433d7689e5e4ff385791c55a8cbffe9ab7600efc0cd1117625d2e01
05b8da30ab27f7a86bb5c7679400ad72b83c2681d96c77306ace246387c1fd44
db5303eec8a53bae3807757c2f8cfe44f064c94d0ddaa96a85ca3f82ac5a5dc0
⊕ 00584290ddc4b13168523b44632212ac933ef53e4835b459e146b20d270889bd
d958d0643c2ad15c962c3168f68dae68771c6e83de70767709b38b52960d38cf
fe6310760d4896ab9d7e5b77f5604d8a1ac192926968f7c396592dd1625dbb
7a26dd776a044fa088da9b645a52bae9ea7522c41ed768b7c75034d947766a8e
For G' 3cd946b11c158ef77a78629f54380cb04ba451ba3cdf24fc22368dc355213cdb
385783ceee63e241aae367d01742f98e569aa06ec5cd837d3989b544dfe7828b
da7c87704d70eaa4fa41a916068e55d8a67983baed2ff971a4ba16fd4f58e86
78a86d72ff9bccfa9d89957dee9fddb42d10acd899ca2c1fcfb86e63377d1598
⊕ 0081dc3188ee37bccf28c466947042d6d6bc8b32e40cd99cb708eb97fc60ab66
ea210866c178ec88f919ba5bdc26770ab8aa7ed3ccf882acb5451175a1ea75e7
78df218171245b3082cd174afe7c7ffc0c01b3969eee7ba16043b34e82c39a2e
bd7bb774a15f6fa7d3099070d31e5d52c5a1ce48fb38479cda47ddfb170b9e2

round number 253: 63fe2b8c204ea217ca680ead7c7e2a40064ee3e5bde6a26aebb96e3bdb5736b0
fc5e43c819063408727e9b73f4b23ddf7916a75067698c97e9a45f45016cefb
dbca46a66f6103f6cb9c106160e0f84426e7134b051fc7a9587d4e56a3a0ffa1
75de99a2a1740eb0ddee1875de44ad1a11eb89130dc1dd429a0b5beb2c374e78
⊕ 00ee1b17c643a1d461472439736bfee06c5837a532a9cdb287b92270e02aa8
7af943544f6d7f4311b467f7334305b55e688f5d3b2db3275a6ae7eeee28e86b
478b2a3d196a9affd7bee367cf1d803d2089c9e7c482634dc3f8c82c8f5810a7

	2fceda188bda4f10da6cbb3f648b3ac417bdcf10508d1fb2768a784cf8a93b31 589a8094fbb94bb550a6f9c0484e669d18da88d8d3fd60953e6654a94197bdd2 768ba82f1b0ec953fadd8bcb648e84ee30debd093501d18ccca4317e0df76ca2 a3a6f13c54b19fc8390ddb9e149aa186662bad303c84367a081221563614a8c5 d3da065ec4a35d4e80050d3d8180e6e8b1629062f26b8315ffb398e60dac7a3c
For G'	
\oplus	008d6ecc1f40e6cb895942d1558a8fa71d4899b5935ea67ff5ee5e6524874f96 db52850828bf130267503f8ae1b0e76c53d4bb7bbfdbc6a9d718d7af95a451ce c06812c04690add5b54498f9bfaf1c89d6fb1e30f12dfbbe154ecbd91470fdc 7e5af1d51a7a1f9a3afdb7c74474a38631ca2a5a2fef50a8edd67e10bb962ff9
round number 254:	10d5973788e1b61e094989450d41bee622bbd218d40ba7593ed719abb71c1886 a7009c566b4b4b63caf84c7f1386a89f9e5283d5b2bee24f0a21abe3e26909c 416c9b760b99091c22f306affd7879066edaacc19da4e49b85867a2cf8ef065a 1043ba2aae41a00782a34abacf97de065646035d4cc2f0ec8123a7d49e754963 008bdfba772cbe6aaeb97e7af3850c78d4aff321a87a8ab3519f1f58c62cf1c f12d84c5e5911d19499fe21f248c67b15a4a0ae597d29cbccbe72eeafc5dee3a a86730597312d675ff7e3334ecff9f206eb15af7ecec539e2256ebf9dab9b9c9 d20f6d3b31f11a7ba7c2f105d74f7a692a602ed73e74ff90f97175c4cfda2dc4 17ee58e4f9ad7ed9fbb111dc4e93a0592116d40a3c6eacb880acc6510f244ad d92d2733b1da519d8db441853e6382630a06728ada17251bbce6d198533d6c63 cee3fc1221321d8c494367ab30504efb441cd33396e981e946cdeba753a719ad 80f78bde942d4baf8bafac5f4456e80a8ba38dd84d3bd1265e6f6b63a55c558 00b6f99f6d04c7334fa6e476255efbfb38c0bc462e9fddfe0749d56dfb0b9915 8d5fc8d50cf386bd3c5359360698aa875630117c2f14f8cf2cd57730239c7803 9ded74af3e859684ea09bd65e545ca5b8409adb6bfd1e55f3619f81d03e3b72f 1855f442729cf094bf5ad9db986eee306bad90722c48c13f57dda7c2dfc8ccf
\oplus	
For G'	
round number 255:	5e488dfcd0874a7f0f73ffec4b29ef61421397c712dea6f4806f37130e79a56 2d18938eda567a836366d8d5b40d38a3af22d8ccf972983e153454c27b7ea6e9 0bab2f788bdf69dd8d359b1187e626006bf6367148b705a7d091d52256bf93c2 4cd7119fb0ba7c2561bbb18d8a46f7c262d8a72b60f7c7852d21051af64a710 00ed47461030e8c0e45140c543b1fb2b74ff84871336b192504f4131baaf648d 5b15ea6d6fc71334bc3d03abc30b4d02611c2af7c9a58c3ccc272ad6c951f42e 6ce6e6a38f380093126c7af579fffc4041d385840be70571627efa4f74823106a 7362947d8cb6dc1768f37665f7489960fa568c5924a55e666b280a93c6d0a338 58a17b94a9b9eab01df56be1b7c1feaad1d1068d5937358f431908ebf9ddb854 72efe6bd29d720b1e718b338fb28e45c3663f6f503ddd49033a6a870a1146053 0e88bd1fb78b08a34adaced51584a0c0157e85293864b670d413ba5044ae8298 a27f9cabde29b3b34f57584dc38063ae00e1daa6173101909b2cca17a9499717 0063da77d68354fd216d947c9683862f3ccad1d37fc5ddab239b7049d8f4a0ee 2ff65317a8a5fe8ae1050bc845fdfc76b89ddb285400ddf719dcb286937e1021 07ed4c9855931fd8464220a7fdcfdaba34a22bd65c0e62022a351be59c38dcb06 3866c6444771b57f82d743e7adc17fdffa08a4650b402cf487ef47c185a95d33a
\oplus	

hash value:

676b5aa202222a283e80a6a6411d588dc56aa544e9b3d978cbcae2ab61e6612b