

## Modélisation du principe de variété maximale

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### ANNEXE 2 : Topo Collier – Résultats des Calculs avec Mathematica

Sat 23 Feb 2013 19:38:27

**TopoCollier de 7 Perles.** Recherche avec Zéros de 2 à 3 et kmax= 3

Calcul du collier 11 au collier 33 soit 22 colliers par pas de 4

11 : 1101000 Indif: 29 kMax: 3 Suite 2113

~~23 : 1110100 Indif: 29 kMax: 3 Suite 3112~~

Temps CPU: 0 secondes. Total: 0 min.

Collier de 7 perles. N°gagnant: 11 = 1101000 Nbr de gagnants: ~~2~~ 1 : 11-~~23~~ Indif= 29 Max Indif Couple= 3

Moyenne : 29/21

Sat 23 Feb 2013 19:40:49

**TopoCollier de 8 Perles.** Recherche avec Zéros de 3 à 4 et kmax= 3

Calcul du collier 11 au collier 33 soit 22 colliers par pas de 4

11 : 11010000 Indif: 38 kMax: 3 Suite 2114

Temps CPU: 0 secondes. Total: 0 min.

Collier de 8 perles. N°gagnant: 11 = 11010000 Nbr de gagnants: 1 11 Indif= 38 Max Indif Couple= 3 Moyenne :

19/14

Sat 23 Feb 2013 19:41:42

**TopoCollier de 9 Perles.** Recherche avec Zéros de 3 à 4 et kmax= 4

Calcul du collier 19 au collier 65 soit 46 colliers par pas de 4

~~19 : 110010000 Indif: 56 kMax: 3 Suite 2214~~

23 : 111010000 Indif: 51 kMax: 4 Suite 3114

43 : 110101000 Indif: 51 kMax: 4 Suite 211113

~~47 : 111101000 Indif: 51 kMax: 4 Suite 4113~~

Temps CPU: 0 secondes. Total: 0 min.

Collier de 9 perles. N°gagnant: 23 = 111010000 Nbr de gagnants: ~~3~~ 2 23-43-~~47~~ Indif= 51 Max Indif Couple= 4

Moyenne : 17/12

Tue 19 Feb 2013 08:39:51

**Collier de 10 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 5

11 : 1101000000 Indif: 62 kMax: 4 Suite 2116

43 : 1101010000 Indif: 62 kMax: 4 Suite 211114

Temps CPU: 0 secondes. Total: 0 min.

Collier de 10 perles. N°gagnant: 11 = 1101000000 Nbr de gagnants: 2 11-43 Indif= 62 Max Indif Couple= 4

Moyenne : 62/45

Tue 19 Feb 2013 08:39:20

**Collier de 11 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 5

~~11 : 11010000000 Indif: 78 kMax: 4 Suite 2117~~

43 : 11010100000 Indif: 74 kMax: 4 Suite 211115

Temps CPU: 0 secondes. Total: 0 min.

Collier de 11 perles. N°gagnant: 43 = 11010100000 Nbr de gagnants: 1 43 Indif= 74 Max Indif Couple= 4

Moyenne : 74/55

Tue 19 Feb 2013 08:38:04

**Collier de 12 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 5

~~19 : 110010000000 Indif: 99 kMax: 4 Suite 2217~~

~~23 : 111010000000 Indif: 97 kMax: 4 Suite 3117~~

~~39 : 111001000000 Indif: 97 kMax: 4 Suite 3216~~

43 : 110101000000 Indif: 90 kMax: 4 Suite 211116

Temps CPU: 0 secondes. Total: 0 min.

Collier de 12 perles. N°gagnant: 43 = 110101000000 Nbr de gagnants: 1 43 Indif= 90 Max Indif Couple= 4

Moyenne : 15/11

Tue 19 Feb 2013 08:37:16

**Collier de 13 Perles.** Recherche avec Zéros de 5 à 7 et kmax= 5

~~35 : 11000100000000 Indif: 117 kMax: 4 Suite 2317~~

~~39 : 11100100000000 Indif: 116 kMax: 4 Suite 3217~~

~~43 : 11010100000000 Indif: 108 kMax: 4 Suite 211117~~

139 : 11010001000000 Indif: 107 kMax: 3 Suite 211315

151 : 11101001000000 Indif: 107 kMax: 3 Suite 311215

167 : 11100101000000 Indif: 107 kMax: 3 Suite 321115

183 : 11101101000000 Indif: 107 kMax: 3 Suite 312115

Temps CPU: 0 secondes. Total: 0 min.

Collier de 13 perles. N°gagnant: 139 = 11010001000000 Nbr de gagnants: 4 139-151-167-183 Indif= 107 Max

Indif Couple= 3 Moyenne : 107/78

Sat 23 Feb 2013 18:44:23

**TopoCollier de 14 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6

Calcul du collier 67 au collier 1025 soit 958 colliers par pas de 4

~~67 : 11000010000000 Indif: 144 kMax: 5 Suite 2417~~

~~71 : 11100010000000 Indif: 143 kMax: 4 Suite 3317~~

~~75 : 11010010000000 Indif: 129 kMax: 4 Suite 211217~~

~~83 : 11001010000000 Indif: 128 kMax: 4 Suite 221117~~

~~91 : 11011010000000 Indif: 128 kMax: 4 Suite 212117~~

139 : 11010001000000 Indif: 126 kMax: 4 Suite 211316

151 : 11101001000000 Indif: 126 kMax: 4 Suite 311216

167 : 11100101000000 Indif: 126 kMax: 4 Suite 321116

183 : 11101101000000 Indif: 126 kMax: 4 Suite 312116

347 : 11011010100000 Indif: 126 kMax: 4 Suite 2121115

555 : 11010100010000 Indif: 126 kMax: 4 Suite 21111314

599 : 11101010010000 Indif: 126 kMax: 4 Suite 31111214

695 : 11101101010000 Indif: 126 kMax: 4 Suite 31211114

Temps CPU: 1 secondes. Total: 0 min.

Collier de 14 perles. N°gagnant: 139 = 11010001000000 Nbr de gagnants: 8 139-151-167-183-347-555-599-695

Indif= 126 Max Indif Couple= 4 Moyenne : 18/13

Sat 23 Feb 2013 18:49:42

**TopoCollier de 15 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6

Calcul du collier 131 au collier 2049 soit 1918 colliers par pas de 4

~~131 : 1100000100000000 Indif: 173 kMax: 6 Suite 2517~~

~~135 : 1110000100000000 Indif: 169 kMax: 5 Suite 3417~~

~~139 : 1101000100000000 Indif: 147 kMax: 4 Suite 211317~~

~~151 : 1110100100000000 Indif: 147 kMax: 4 Suite 311217~~

~~167 : 1110010100000000 Indif: 147 kMax: 4 Suite 321117~~

~~183 : 1110110100000000 Indif: 147 kMax: 4 Suite 312117~~

~~299 : 1101010010000000 Indif: 147 kMax: 5 Suite 21111216~~

~~339 : 1100101010000000 Indif: 147 kMax: 4 Suite 22111116~~

~~347 : 1101101010000000 Indif: 145 kMax: 4 Suite 21211116~~

555 : 110101000100000 Indif: 143 kMax: 4 Suite 21111315  
599 : 111010100100000 Indif: 143 kMax: 4 Suite 31111215  
695 : 111011010100000 Indif: 143 kMax: 4 Suite 31211115  
Temps CPU: 2 secondes. Total: 0 min.  
Collier de 15 perles. N°gagnant: 555 = 110101000100000  
Nbr de gagnants: 3 555-599-695 Indif= 143 Max Indif Couple= 4 Moyenne : 143/105

Sat 23 Feb 2013 18:52:24

**TopoCollier de 16 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6  
Calcul du collier 259 au collier 4097 soit 3838 colliers par pas de 4  
~~263 : 1110000010000000 Indif: 200 kMax: 6 Suite 3517~~  
~~267 : 1101000010000000 Indif: 175 kMax: 4 Suite 211417~~  
~~299 : 1101010010000000 Indif: 168 kMax: 5 Suite 21111217~~  
~~339 : 1100101010000000 Indif: 168 kMax: 4 Suite 22111117~~  
~~347 : 1101101010000000 Indif: 166 kMax: 4 Suite 21211117~~  
555 : 1101010001000000 Indif: 164 kMax: 4 Suite 21111316  
599 : 1110101001000000 Indif: 164 kMax: 4 Suite 31111216  
695 : 1110110101000000 Indif: 164 kMax: 4 Suite 31211116  
Temps CPU: 5 secondes. Total: 0 min.  
Collier de 16 perles. N°gagnant: 555 = 1101010001000000 Nbr de gagnants: 3 555-599-695 Indif= 164 Max Indif Couple= 4 Moyenne : 41/30

Sat 23 Feb 2013 18:55:13

**TopoCollier de 17 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6  
Calcul du collier 515 au collier 8193 soit 7678 colliers par pas de 4  
~~523 : 1101000001000000 Indif: 204 kMax: 5 Suite 211517~~  
~~535 : 1110100001000000 Indif: 203 kMax: 4 Suite 311417~~  
~~551 : 1110010001000000 Indif: 200 kMax: 4 Suite 321317~~  
555 : 1101010001000000 Indif: 187 kMax: 4 Suite 21111317  
599 : 1110101001000000 Indif: 187 kMax: 4 Suite 31111217  
695 : 1110110101000000 Indif: 187 kMax: 4 Suite 31211117  
Temps CPU: 11 secondes. Total: 0 min.  
Collier de 17 perles. N°gagnant: 555 = 1101010001000000 Nbr de gagnants: 3 555-599-695 Indif= 187 Max Indif Couple= 4 Moyenne : 11/8

Sat 23 Feb 2013 18:56:58

**TopoCollier de 18 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6  
Calcul du collier 1027 au collier 16385 soit 15358 colliers par pas de 4  
~~1035 : 110100000010000000 Indif: 241 kMax: 6 Suite 211617~~  
~~1043 : 110010000010000000 Indif: 238 kMax: 5 Suite 221517~~  
~~1047 : 111010000010000000 Indif: 234 kMax: 5 Suite 311517~~  
~~1063 : 111001000010000000 Indif: 232 kMax: 5 Suite 321417~~  
~~1067 : 110101000010000000 Indif: 217 kMax: 4 Suite 21111417~~  
~~1099 : 110100100010000000 Indif: 217 kMax: 4 Suite 21121317~~  
~~1107 : 110010100010000000 Indif: 214 kMax: 4 Suite 22111317~~  
1187 : 110001010010000000 Indif: 213 kMax: 4 Suite 23111217  
1239 : 111010110010000000 Indif: 213 kMax: 4 Suite 31112217  
1259 : 110101110010000000 Indif: 213 kMax: 4 Suite 21113217  
1315 : 110001001010000000 Indif: 213 kMax: 4 Suite 23121117  
1335 : 111011001010000000 Indif: 213 kMax: 4 Suite 31221117  
1339 : 110111001010000000 Indif: 213 kMax: 4 Suite 21321117  
2215 : 111001010001000000 Indif: 213 kMax: 4 Suite 32111316  
4443 : 110110101000100000 Indif: 213 kMax: 4 Suite 2121111315  
4771 : 110001010100100000 Indif: 213 kMax: 4 Suite 2311111215  
4951 : 111010101100100000 Indif: 213 kMax: 4 Suite 3111112215

5035 : 110101011100100000 Indif: 213 kMax: 4 Suite 2111113215  
5411 : 110001001010100000 Indif: 213 kMax: 4 Suite 2312111115  
5431 : 111011001010100000 Indif: 213 kMax: 4 Suite 3122111115  
5435 : 110111001010100000 Indif: 213 kMax: 4 Suite 2132111115  
11023

Temps CPU: 25 secondes.Total: 0 min.

Collier de 18 perles. N°gagnant: 1187 = 110001010010000000 Nbr de gagnants: 14 1187-1239-1259-1315-1335-1339-2215-4443-4771-4951-5035-5411-5431-5435 Indif= 213 Max Indif Couple= 4 Moyenne : 71/51

Sat 23 Feb 2013 19:00:13

**TopoCollier de 19 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6

Calcul du collier 2051 au collier 32769 soit 30718 colliers par pas de 4

~~2067 : 1100100000010000000 Indif: 278 kMax: 6 Suite 221617~~  
~~2071 : 1110100000010000000 Indif: 273 kMax: 6 Suite 311617~~  
~~2083 : 1100010000010000000 Indif: 271 kMax: 6 Suite 231517~~  
~~2087 : 1110010000010000000 Indif: 264 kMax: 5 Suite 321517~~  
~~2091 : 1101010000010000000 Indif: 248 kMax: 5 Suite 21111517~~  
~~2131 : 1100101000010000000 Indif: 245 kMax: 4 Suite 22111417~~  
~~2199 : 1110100100010000000 Indif: 243 kMax: 4 Suite 31121317~~  
~~2215 : 1110010100010000000 Indif: 239 kMax: 4 Suite 32111317~~  
~~4435 : 1100101010001000000 Indif: 238 kMax: 4 Suite 2211111316~~  
4443 : 1101101010001000000 Indif: 237 kMax: 4 Suite 2121111316  
4771 : 1100010101001000000 Indif: 237 kMax: 4 Suite 2311111216  
4951 : 1110101011001000000 Indif: 237 kMax: 4 Suite 3111112216  
5035 : 1101010111001000000 Indif: 237 kMax: 4 Suite 2111113216  
5411 : 1100010010101000000 Indif: 237 kMax: 4 Suite 2312111116  
5431 : 1110110010101000000 Indif: 237 kMax: 4 Suite 3122111116  
5435 : 1101110010101000000 Indif: 237 kMax: 4 Suite 2132111116  
8871 : 1110010101000100000 Indif: 237 kMax: 4 Suite 3211111315

Temps CPU: 55 secondes.Total: 1 min.

Collier de 19 perles. N°gagnant: 4443 = 1101101010001000000 Nbr de gagnants: 8 4443-4771-4951-5035-5411-5431-5435-8871 Indif= 237 Max Indif Couple= 4 Moyenne : 79/57

Sat 23 Feb 2013 19:10:37

**TopoCollier de 20 Perles.** Recherche avec Zéros de 4 à 7 et kmax= 6

Calcul du collier 4099 au collier 65537 soit 61438 colliers par pas de 4

~~4135 : 11100100000010000000 Indif: 306 kMax: 6 Suite 321617~~  
~~4139 : 11010100000010000000 Indif: 287 kMax: 6 Suite 21111617~~  
~~4171 : 11010010000010000000 Indif: 282 kMax: 5 Suite 21121517~~  
~~4179 : 11001010000010000000 Indif: 277 kMax: 5 Suite 22111517~~  
~~4247 : 11101001000010000000 Indif: 277 kMax: 5 Suite 31121417~~  
~~4259 : 11000101000010000000 Indif: 275 kMax: 4 Suite 23111417~~  
~~4263 : 11100101000010000000 Indif: 271 kMax: 4 Suite 32111417~~  
~~4311 : 11101011000010000000 Indif: 270 kMax: 4 Suite 31112417~~  
~~4331 : 11010111000010000000 Indif: 270 kMax: 4 Suite 21113417~~  
~~4395 : 11010100100010000000 Indif: 266 kMax: 5 Suite 2111121317~~  
~~4435 : 11001010100010000000 Indif: 264 kMax: 4 Suite 2211111317~~  
4443 : 11011010100010000000 Indif: 263 kMax: 4 Suite 2121111317  
4771 : 11000101010010000000 Indif: 263 kMax: 4 Suite 2311111217  
4951 : 11101010110010000000 Indif: 263 kMax: 4 Suite 3111112217  
5035 : 11010101110010000000 Indif: 263 kMax: 4 Suite 2111113217  
5411 : 11000100101010000000 Indif: 263 kMax: 4 Suite 2312111117  
5431 : 11101100101010000000 Indif: 263 kMax: 4 Suite 3122111117  
5435 : 11011100101010000000 Indif: 263 kMax: 4 Suite 2132111117  
8871 : 11100101010001000000 Indif: 263 kMax: 4 Suite 3211111316

Temps CPU: 118 secondes. Total: 2 min.

Collier de 20 perles. N°gagnant: 4443 = 11011010100010000000 Nbr de gagnants: 8 4443-4771-4951-5035-5411-5431-5435-8871 Indif= 263 Max Indif Couple= 4 Moyenne : 263/190

Tue 19 Feb 2013 08:48:45

**Collier de 21 Perles.** Recherche avec Zéros de 6 à 8 et kmax= 5

4171 : ~~110100100000100000000 Indif: 316 kMax: 5 Suite 21121518~~  
4179 : ~~110010100000100000000 Indif: 311 kMax: 5 Suite 22111518~~  
4247 : ~~111010010000100000000 Indif: 310 kMax: 5 Suite 31121418~~  
4259 : ~~110001010000100000000 Indif: 308 kMax: 5 Suite 23111418~~  
4263 : ~~111001010000100000000 Indif: 304 kMax: 5 Suite 32111418~~  
4267 : ~~110101010000100000000 Indif: 304 kMax: 5 Suite 2111111418~~  
4311 : ~~111010110000100000000 Indif: 303 kMax: 5 Suite 31112418~~  
4331 : ~~110101110000100000000 Indif: 303 kMax: 5 Suite 21113418~~  
4395 : ~~110101001000100000000 Indif: 297 kMax: 5 Suite 2111121318~~  
4435 : ~~110010101000100000000 Indif: 295 kMax: 5 Suite 2211111318~~  
4443 : ~~110110101000100000000 Indif: 294 kMax: 5 Suite 2121111318~~  
4771 : ~~110001010100100000000 Indif: 294 kMax: 5 Suite 2311111218~~  
4951 : ~~111010101100100000000 Indif: 294 kMax: 5 Suite 3111112218~~  
5035 : ~~110101011100100000000 Indif: 294 kMax: 5 Suite 2111113218~~  
5411 : ~~11000100101010100000000 Indif: 294 kMax: 5 Suite 2312111118~~  
5431 : ~~11101100101010100000000 Indif: 294 kMax: 5 Suite 3122111118~~  
5435 : ~~11011100101010100000000 Indif: 294 kMax: 5 Suite 2132111118~~  
8791 : ~~111010100100010000000 Indif: 293 kMax: 4 Suite 3111121317~~  
8871 : ~~111001010100010000000 Indif: 291 kMax: 4 Suite 3211111317~~

Temps CPU: 48 secondes. Total: 1 min.

Collier de 21 perles. N°gagnant: 8871 = 1110010101000100000000 Nbr de gagnants: 1 8871 Indif= 291 Max Indif Couple= 4 Moyenne : 97/70

Tue 19 Feb 2013 08:54:34

**Collier de 22 Perles.** Recherche avec Zéros de 6 à 8 et kmax= 5

8339 : ~~11001001000001000000000 Indif: 355 kMax: 5 Suite 22121518~~  
8343 : ~~11101001000001000000000 Indif: 347 kMax: 5 Suite 31121518~~  
8355 : ~~11000101000001000000000 Indif: 345 kMax: 5 Suite 23111518~~  
8359 : ~~11100101000001000000000 Indif: 341 kMax: 5 Suite 32111518~~  
8363 : ~~11010101000001000000000 Indif: 340 kMax: 5 Suite 2111111518~~  
8407 : ~~11101011000001000000000 Indif: 340 kMax: 5 Suite 31112518~~  
8427 : ~~11010111000001000000000 Indif: 340 kMax: 5 Suite 21113518~~  
8491 : ~~11010100100001000000000 Indif: 334 kMax: 5 Suite 2111121418~~  
8523 : ~~11010010100001000000000 Indif: 333 kMax: 5 Suite 2112111418~~  
8531 : ~~11001010100001000000000 Indif: 330 kMax: 5 Suite 2211111418~~  
8539 : ~~11011010100001000000000 Indif: 329 kMax: 5 Suite 2121111418~~  
8791 : ~~11101010010001000000000 Indif: 326 kMax: 5 Suite 3111121318~~  
8871 : ~~11100101010001000000000 Indif: 324 kMax: 5 Suite 3211111318~~  
17239 : ~~11101010110000100000000 Indif: 324 kMax: 4 Suite 3111112417~~  
17323 : ~~11010101110000100000000 Indif: 324 kMax: 4 Suite 2111113417~~  
17703 : ~~11100100101000100000000 Indif: 324 kMax: 4 Suite 3212111317~~  
17755 : ~~11011010101000100000000 Indif: 324 kMax: 5 Suite 212111111317~~  
18095 : ~~11110101011000100000000 Indif: 324 kMax: 4 Suite 4111112317~~  
18347 : ~~11010101111000100000000 Indif: 323 kMax: 4 Suite 2111114317~~  
21643 : ~~11010001001010100000000 Indif: 323 kMax: 4 Suite 21131211117~~  
21751 : ~~11101111001010100000000 Indif: 323 kMax: 4 Suite 3142111117~~  
23467 : ~~11010101110110100000000 Indif: 323 kMax: 4 Suite 211111312117~~

Temps CPU: 104 secondes. Total: 2 min.

Collier de 22 perles. N°gagnant: 18347 = 1101010111100010000000 Nbr de gagnants: 4 18347-21643-21751-23467 Indif= 323 Max Indif Couple= 4 Moyenne : 323/231

Tue 19 Feb 2013 09:08:10

**Collier de 23 Perles.** Recherche avec Zéros de 6 à 8 et kmax= 5

~~16675 : 110001001000001000000000 Indif: 389 kMax: 5 Suite 23121518~~  
~~16679 : 111001001000001000000000 Indif: 386 kMax: 5 Suite 32121518~~  
~~16683 : 110101001000001000000000 Indif: 371 kMax: 5 Suite 2111121518~~  
~~16715 : 110100101000001000000000 Indif: 370 kMax: 5 Suite 2112111518~~  
~~16723 : 110010101000001000000000 Indif: 367 kMax: 5 Suite 2211111518~~  
~~16731 : 110110101000001000000000 Indif: 366 kMax: 5 Suite 2121111518~~  
~~16983 : 111010100100001000000000 Indif: 364 kMax: 5 Suite 3111121418~~  
~~17043 : 110010010100001000000000 Indif: 364 kMax: 5 Suite 2212111418~~  
~~17047 : 111010010100001000000000 Indif: 364 kMax: 5 Suite 3112111418~~  
~~17063 : 111001010100001000000000 Indif: 360 kMax: 5 Suite 3211111418~~  
~~17239 : 111010101100001000000000 Indif: 359 kMax: 5 Suite 3111112418~~  
~~17323 : 110101011100001000000000 Indif: 359 kMax: 5 Suite 2111113418~~  
~~17703 : 111001001010001000000000 Indif: 358 kMax: 5 Suite 3212111318~~  
~~17739 : 110100101010001000000000 Indif: 358 kMax: 5 Suite 211211111318~~  
~~17755 : 110110101010001000000000 Indif: 357 kMax: 5 Suite 212111111318~~  
~~19083 : 110100010101001000000000 Indif: 357 kMax: 5 Suite 211311111218~~  
~~19371 : 110101011101001000000000 Indif: 357 kMax: 5 Suite 211111311218~~  
~~21643 : 110100010010101000000000 Indif: 356 kMax: 5 Suite 211312111118~~  
~~23467 : 110101011101101000000000 Indif: 356 kMax: 5 Suite 211111312118~~  
~~35159 : 111010101001000100000000 Indif: 356 kMax: 5 Suite 311111121317~~  
~~35475 : 110010010101000100000000 Indif: 354 kMax: 4 Suite 221211111317~~  
70951 : 111001001010100010000000 Indif: 353 kMax: 4 Suite 321211111316

Temps CPU: 223 secondes. Total: 4 min.

Collier de 23 perles. N°gagnant: 70951 = 111001001010100010000000 Nbr de gagnants: 1 70951 Indif= 353  
Max Indif Couple= 4 Moyenne : 353/253

Wed 20 Feb 2013 13:14:25

**Collier de 24 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 5

~~34979 : 11000101000100010000000000 Indif: 411 kMax: 5 Suite 2311131318~~  
~~34983 : 11100101000100010000000000 Indif: 403 kMax: 5 Suite 3211131318~~  
~~34987 : 11010101000100010000000000 Indif: 400 kMax: 5 Suite 211111131318~~  
~~35115 : 11010100100100010000000000 Indif: 398 kMax: 5 Suite 211112121318~~  
~~35139 : 11000010100100010000000000 Indif: 397 kMax: 5 Suite 2411121318~~  
~~35151 : 11110010100100010000000000 Indif: 397 kMax: 5 Suite 4211121318~~  
~~35155 : 11001010100100010000000000 Indif: 391 kMax: 5 Suite 221111121318~~  
~~35159 : 11101010100100010000000000 Indif: 391 kMax: 5 Suite 311111121318~~  
~~35475 : 11001001010100010000000000 Indif: 388 kMax: 5 Suite 221211111318~~  
70307 : 11000101010010001000000000 Indif: 386 kMax: 4 Suite 231111121317  
70487 : 11101010110010001000000000 Indif: 386 kMax: 4 Suite 311111221317  
70571 : 11010101110010001000000000 Indif: 386 kMax: 4 Suite 211111321317  
70947 : 11000100101010001000000000 Indif: 386 kMax: 4 Suite 231211111317  
70951 : 11100100101010001000000000 Indif: 384 kMax: 4 Suite 321211111317

Temps CPU: 195 secondes. Total: 3 min.

Collier de 24 perles. N°gagnant: 70951 = 111001001010100010000000 Nbr de gagnants: 1 70951 Indif= 384  
Max Indif Couple= 4 Moyenne : 32/23

Wed 20 Feb 2013 13:21:03

**Collier de 25 Perles.** Recherche avec Zéros de 6 à 8 et kmax= 5

~~69955 : 11000010100010001000000000 Indif: 447 kMax: 5 Suite 2411131318~~  
~~69963 : 11010010100010001000000000 Indif: 435 kMax: 5 Suite 211211131318~~

69971 : ~~1100101010001000100000000 Indif: 432 kMax: 5 Suite 221111131318~~  
69979 : ~~1101101010001000100000000 Indif: 432 kMax: 5 Suite 212111131318~~  
70231 : ~~1110101001001000100000000 Indif: 428 kMax: 5 Suite 311112121318~~  
70283 : ~~1101000101001000100000000 Indif: 428 kMax: 5 Suite 211311121318~~  
70307 : ~~1100010101001000100000000 Indif: 422 kMax: 5 Suite 231111121318~~  
70487 : ~~1110101011001000100000000 Indif: 422 kMax: 5 Suite 311111221318~~  
70571 : ~~1101010111001000100000000 Indif: 422 kMax: 5 Suite 211111321318~~  
70947 : ~~1100010010101000100000000 Indif: 422 kMax: 5 Suite 231211111318~~  
70951 : ~~1110010010101000100000000 Indif: 420 kMax: 5 Suite 321211111318~~  
138071 : ~~1110101011011000010000000 Indif: 420 kMax: 4 Suite 311111212417~~  
138587 : ~~1101101010111000010000000 Indif: 420 kMax: 4 Suite 212111113417~~  
145071 : ~~1111010101101100010000000 Indif: 420 kMax: 4 Suite 411111212317~~  
146779 : ~~1101101010111100010000000 Indif: 419 kMax: 4 Suite 212111114317~~  
173303 : ~~1110111100100101010000000 Indif: 419 kMax: 4 Suite 314212111117~~  
Temps CPU: 960 secondes. Total: 17 min.  
Collier de 25 perles. N°gagnant: 146779 = 1101101010111100010000000 Nbr de gagnants: 2 146779-173303  
Indif= 419 Max Indif Couple= 4 Moyenne : 419/300

Wed 20 Feb 2013 13:40:31

**Collier de 26 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 6

139527 : ~~11100000100001000100000000 Indif: 529 kMax: 6 Suite 35141318~~  
139531 : ~~11010000100001000100000000 Indif: 511 kMax: 6 Suite 2114141318~~  
139555 : ~~11000100100001000100000000 Indif: 498 kMax: 6 Suite 2312141318~~  
139559 : ~~11100100100001000100000000 Indif: 491 kMax: 6 Suite 3212141318~~  
139563 : ~~11010100100001000100000000 Indif: 473 kMax: 6 Suite 211112141318~~  
139595 : ~~11010010100001000100000000 Indif: 471 kMax: 6 Suite 211211141318~~  
139603 : ~~11001010100001000100000000 Indif: 468 kMax: 6 Suite 221111141318~~  
139611 : ~~11011010100001000100000000 Indif: 468 kMax: 6 Suite 212111141318~~  
139943 : ~~11100101010001000100000000 Indif: 467 kMax: 5 Suite 321111131318~~  
140119 : ~~11101010110001000100000000 Indif: 465 kMax: 5 Suite 311111231318~~  
140611 : ~~11000010101001000100000000 Indif: 461 kMax: 5 Suite 241111121318~~  
140975 : ~~11110101011001000100000000 Indif: 460 kMax: 5 Suite 411111221318~~  
141227 : ~~11010101111001000100000000 Indif: 460 kMax: 5 Suite 211111421318~~  
141903 : ~~11110010010101000100000000 Indif: 459 kMax: 5 Suite 421211111318~~  
145071 : ~~11110101011011000100000000 Indif: 458 kMax: 5 Suite 411111212318~~  
146779 : ~~11011010101111000100000000 Indif: 457 kMax: 5 Suite 212111114318~~  
173303 : ~~11101111001001010100000000 Indif: 457 kMax: 5 Suite 314212111118~~  
294235 : ~~11011010101111100010000000 Indif: 457 kMax: 4 Suite 212111115317~~  
336551 : ~~11100101010001001010000000 Indif: 457 kMax: 4 Suite 32111113121117~~  
346279 : ~~11100101000100101010000000 Indif: 457 kMax: 4 Suite 32111312111117~~  
346615 : ~~11101111001001010100000000 Indif: 457 kMax: 4 Suite 315212111117~~  
351143 : ~~11100101110110101010000000 Indif: 457 kMax: 5 Suite 32113121111117~~  
375463 : ~~11100101010111011010000000 Indif: 457 kMax: 5 Suite 32111111312117~~  
Temps CPU: 1134 secondes. Total: 20 min.

Collier de 26 perles. N°gagnant: 146779 = 1101101010111100010000000

Nbr de gagnants: 8

146779-173303-294235-336551-346279-346615-351143-375463 Indif= 457 Max Indif Couple= 5 Moyenne : 457/325

Wed 20 Feb 2013 14:40:03

**Collier de 27 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 6

279051 : ~~110100000100001000100000000 Indif: 546 kMax: 6 Suite 2115141318~~  
279111 : ~~111000100100001000100000000 Indif: 542 kMax: 6 Suite 3312141318~~  
279115 : ~~110100100100001000100000000 Indif: 524 kMax: 6 Suite 211212141318~~

279123 : ~~110010100100001000100000000 Indif: 514 kMax: 6 Suite 221112141318~~  
279127 : ~~111010100100001000100000000 Indif: 511 kMax: 6 Suite 311112141318~~  
279187 : ~~110010010100001000100000000 Indif: 510 kMax: 6 Suite 221211141318~~  
279191 : ~~111010010100001000100000000 Indif: 510 kMax: 6 Suite 311211141318~~  
279207 : ~~111001010100001000100000000 Indif: 504 kMax: 6 Suite 321111141318~~  
279383 : ~~111010101100001000100000000 Indif: 503 kMax: 6 Suite 311111241318~~  
279467 : ~~110101011100001000100000000 Indif: 503 kMax: 6 Suite 211111341318~~  
280239 : ~~111101010110001000100000000 Indif: 503 kMax: 5 Suite 411111231318~~  
280491 : ~~110101011110001000100000000 Indif: 502 kMax: 5 Suite 211111431318~~  
280919 : ~~111010101001001000100000000 Indif: 501 kMax: 5 Suite 31111112121318~~  
281131 : ~~110101000101001000100000000 Indif: 501 kMax: 5 Suite 21111311121318~~  
281223 : ~~111000010101001000100000000 Indif: 501 kMax: 5 Suite 341111121318~~  
281227 : ~~110100010101001000100000000 Indif: 498 kMax: 5 Suite 21131111121318~~  
281515 : ~~110101011101001000100000000 Indif: 498 kMax: 5 Suite 21111131121318~~  
283815 : ~~111001010010101000100000000 Indif: 498 kMax: 5 Suite 32111211111318~~  
283943 : ~~111001001010101000100000000 Indif: 497 kMax: 5 Suite 32121111111318~~  
284071 : ~~111001011010101000100000000 Indif: 497 kMax: 5 Suite 32112111111318~~  
303783 : ~~111001010100010100100000000 Indif: 497 kMax: 5 Suite 32111113111218~~  
305319 : ~~111001010001010100100000000 Indif: 497 kMax: 5 Suite 32111311111218~~  
306071 : ~~111010011101010100100000000 Indif: 497 kMax: 5 Suite 31123111111218~~  
306087 : ~~111001011101010100100000000 Indif: 496 kMax: 5 Suite 32113111111218~~  
309927 : ~~111001010101110100100000000 Indif: 496 kMax: 5 Suite 32111111311218~~  
332455 : ~~111001010100100010100000000 Indif: 496 kMax: 5 Suite 32111112131118~~  
336551 : ~~111001010100010010100000000 Indif: 495 kMax: 5 Suite 32111113121118~~  
346279 : ~~111001010001001010100000000 Indif: 495 kMax: 5 Suite 32111312111118~~  
351143 : ~~111001011101101010100000000 Indif: 495 kMax: 5 Suite 32113121111118~~  
375463 : ~~111001010101110110100000000 Indif: 495 kMax: 5 Suite 32111111312118~~  
568167 : ~~111001101101010100010000000 Indif: 495 kMax: 5 Suite 32212111111317~~  
607063 : 111010101100001010010000000 Indif: 494 kMax: 4 Suite 31111124111217  
607147 : 110101011100001010010000000 Indif: 494 kMax: 4 Suite 21111134111217  
608171 : 110101011100001010010000000 Indif: 494 kMax: 4 Suite 21111143111217  
610519 : 111010110000101010010000000 Indif: 494 kMax: 4 Suite 31112411111217  
610539 : 110101110000101010010000000 Indif: 494 kMax: 4 Suite 21113411111217  
610795 : 110101110000101010010000000 Indif: 494 kMax: 4 Suite 21114311111217  
612107 : 110100001110101010010000000 Indif: 494 kMax: 5 Suite 21143111111217  
612235 : 110100011110101010010000000 Indif: 494 kMax: 5 Suite 21134111111217  
612247 : 111010011110101010010000000 Indif: 494 kMax: 5 Suite 31124111111217  
618667 : 110101010000111010010000000 Indif: 494 kMax: 5 Suite 21111114311217  
620715 : 110101010001111010010000000 Indif: 494 kMax: 5 Suite 21111113411217  
620887 : 111010101001111010010000000 Indif: 494 kMax: 5 Suite 31111112411217  
672599 : 111010101100001001010000000 Indif: 494 kMax: 4 Suite 31111124121117  
672683 : 110101011100001001010000000 Indif: 494 kMax: 4 Suite 21111134121117  
686935 : 111010101101111001010000000 Indif: 494 kMax: 4 Suite 31111121421117  
692439 : 111010110000100101010000000 Indif: 494 kMax: 4 Suite 31112412111117  
692459 : 110101110000100101010000000 Indif: 494 kMax: 4 Suite 21113412111117  
692583 : 111001101000100101010000000 Indif: 494 kMax: 4 Suite 32211312111117  
696023 : 111010110111100101010000000 Indif: 494 kMax: 4 Suite 31112142111117  
700567 : 111010010000110101010000000 Indif: 494 kMax: 5 Suite 31121421111117  
702347 : 110100011110110101010000000 Indif: 494 kMax: 5 Suite 21134121111117  
702359 : 111010011110110101010000000 Indif: 494 kMax: 5 Suite 31124121111117  
723287 : 111010101001000011010000000 Indif: 494 kMax: 5 Suite 31111112142117  
750951 : 111001101010111011010000000 Indif: 494 kMax: 4 Suite 32211111312117  
751787 : 110101010001111011010000000 Indif: 494 kMax: 5 Suite 21111113412117  
751959 : 111010101001111011010000000 Indif: 494 kMax: 5 Suite 31111112412117

Temps CPU: 2469 secondes. Total: 42 min.



**Collier de 27 perles.** N°gagnant: 607063 = 111010101100001010010000000

Nbr de gagnants: 26

607063-607147-608171-610519-610539-610795-612107-612235-612247-618667-620715-620887-672599-672683-686935-692439-692459-692583-696023-700567-702347-702359-723287-750951-751787-751959 Indif=494 Max Indif Couple= 4 Moyenne : 38/27

Wed 20 Feb 2013 15:56:18

**Collier de 28 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 5

559627 : ~~1101000001010001000100000000 Indif: 561 kMax: 5 Suite 211511131318~~  
559635 : ~~1100100001010001000100000000 Indif: 559 kMax: 5 Suite 221411131318~~  
559683 : ~~1100001001010001000100000000 Indif: 554 kMax: 5 Suite 241211131318~~  
559691 : ~~1101001001010001000100000000 Indif: 552 kMax: 5 Suite 21121211131318~~  
559695 : ~~1111001001010001000100000000 Indif: 550 kMax: 5 Suite 421211131318~~  
559703 : ~~1110101001010001000100000000 Indif: 549 kMax: 5 Suite 31111211131318~~  
559763 : ~~1100100101010001000100000000 Indif: 543 kMax: 5 Suite 22121111131318~~  
560475 : ~~1101101010110001000100000000 Indif: 541 kMax: 5 Suite 21211111231318~~  
560555 : ~~1101010110110001000100000000 Indif: 541 kMax: 5 Suite 21111121231318~~  
561827 : ~~1100010101001001000100000000 Indif: 538 kMax: 5 Suite 23111112121318~~  
562007 : ~~1110101011001001000100000000 Indif: 536 kMax: 5 Suite 31111122121318~~  
562091 : ~~1101010111001001000100000000 Indif: 536 kMax: 5 Suite 21111132121318~~  
564571 : ~~1101101010111001000100000000 Indif: 536 kMax: 5 Suite 21211111321318~~  
567563 : ~~1101000010010101000100000000 Indif: 536 kMax: 5 Suite 21141211111318~~  
567611 : ~~1101110010010101000100000000 Indif: 536 kMax: 5 Suite 21321211111318~~  
567655 : ~~1110011010010101000100000000 Indif: 535 kMax: 5 Suite 32211211111318~~  
568167 : ~~1110011011010101000100000000 Indif: 534 kMax: 5 Suite 32212111111318~~  
607063 : ~~1110101011000010100100000000 Indif: 534 kMax: 5 Suite 31111124111218~~  
607147 : ~~1101010111000010100100000000 Indif: 534 kMax: 5 Suite 21111134111218~~  
608171 : ~~1101010111100010100100000000 Indif: 534 kMax: 5 Suite 21111143111218~~  
610519 : ~~1110101100001010100100000000 Indif: 534 kMax: 5 Suite 31112411111218~~  
610539 : ~~1101011100001010100100000000 Indif: 534 kMax: 5 Suite 21113411111218~~  
610663 : ~~1110011010001010100100000000 Indif: 534 kMax: 5 Suite 32211311111218~~  
610795 : ~~1101011110001010100100000000 Indif: 534 kMax: 5 Suite 21114311111218~~  
612107 : ~~1101000011101010100100000000 Indif: 534 kMax: 5 Suite 21143111111218~~  
612235 : ~~1101000111101010100100000000 Indif: 534 kMax: 5 Suite 21134111111218~~  
612247 : ~~1110100111101010100100000000 Indif: 534 kMax: 5 Suite 31124111111218~~  
618667 : ~~1101010100001110100100000000 Indif: 534 kMax: 5 Suite 21111114311218~~  
619879 : ~~1110011010101110100100000000 Indif: 534 kMax: 5 Suite 32211111311218~~  
620715 : ~~1101010100011110100100000000 Indif: 534 kMax: 5 Suite 21111113411218~~  
620887 : ~~1110101010011110100100000000 Indif: 534 kMax: 5 Suite 31111112411218~~  
672599 : ~~1110101011000010010100000000 Indif: 534 kMax: 5 Suite 31111124121118~~  
672683 : ~~1101010111000010010100000000 Indif: 534 kMax: 5 Suite 21111134121118~~  
686935 : ~~1110101011011110010100000000 Indif: 534 kMax: 5 Suite 31111121421118~~  
692439 : ~~1110101100001001010100000000 Indif: 534 kMax: 5 Suite 31112412111118~~  
692459 : ~~1101011100001001010100000000 Indif: 534 kMax: 5 Suite 21113412111118~~  
692583 : ~~1110011010001001010100000000 Indif: 533 kMax: 5 Suite 32211312111118~~  
750951 : ~~1110011010101110110100000000 Indif: 533 kMax: 5 Suite 32211111312118~~  
1174163 : ~~1100100101010111100010000000 Indif: 533 kMax: 5 Suite 22121111114317~~  
1221015 : ~~1110100110000101010010000000 Indif: 532 kMax: 4 Suite 31122411111217~~  
1221075 : ~~1100101110000101010010000000 Indif: 532 kMax: 4 Suite 22113411111217~~  
1221587 : ~~1100101111000101010010000000 Indif: 532 kMax: 4 Suite 22114311111217~~  
1237331 : ~~1100101010000111010010000000 Indif: 532 kMax: 4 Suite 22111114311217~~  
1241427 : ~~1100101010001111010010000000 Indif: 532 kMax: 4 Suite 22111113411217~~  
1241943 : ~~1110101011001111010010000000 Indif: 532 kMax: 4 Suite 31111122411217~~  
1384855 : ~~1110100110000100101010000000 Indif: 532 kMax: 4 Suite 31122412111117~~  
1384915 : ~~1100101110000100101010000000 Indif: 532 kMax: 4 Suite 22113412111117~~

1388695 : 111010010000110010101000000 Indif: 532 kMax: 4 Suite 31121422111117  
1473367 : 111010101101111001101000000 Indif: 532 kMax: 4 Suite 31111121422117  
1503571 : 110010101000111101101000000 Indif: 532 kMax: 4 Suite 22111113412117  
1504087 : 111010101100111101101000000 Indif: 532 kMax: 4 Suite 31111122412117

Temps CPU: 3914 secondes. Total: 80 min.

Collier de 28 perles. N°gagnant: 1221015 = 1110100110000101010010000000

Nbr de gagnants: 12

1221015-1221075-1221587-1237331-1241427-1241943-1384855-1384915-1388695-1473367-1503571-1504087 Indif= 532 Max Indif Couple= 4 Moyenne : 38/27

Thu 21 Feb 2013 20:01:05

**TopoCollier de 29 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 6

~~1057827 : 1100010000100100000010000000 Indif: 647 kMax: 6 Suite 2314121618~~  
~~1057831 : 1110010000100100000010000000 Indif: 647 kMax: 6 Suite 3214121618~~  
~~1057835 : 1101010000100100000010000000 Indif: 617 kMax: 6 Suite 211114121618~~  
~~1057875 : 1100101000100100000010000000 Indif: 607 kMax: 6 Suite 221113121618~~  
~~1057955 : 1100010100100100000010000000 Indif: 606 kMax: 6 Suite 231112121618~~  
~~1057963 : 1101010100100100000010000000 Indif: 606 kMax: 6 Suite 21111112121618~~  
~~1058007 : 1110101100100100000010000000 Indif: 604 kMax: 6 Suite 311122121618~~  
~~1058027 : 1101011100100100000010000000 Indif: 604 kMax: 6 Suite 211132121618~~  
~~1058119 : 1110001010100100000010000000 Indif: 603 kMax: 6 Suite 331111121618~~  
~~1058131 : 1100101010100100000010000000 Indif: 603 kMax: 6 Suite 22111111121618~~  
~~1058151 : 1110011010100100000010000000 Indif: 602 kMax: 6 Suite 322111121618~~  
~~1058347 : 1101010001100100000010000000 Indif: 602 kMax: 6 Suite 211113221618~~  
~~1058643 : 1100101011100100000010000000 Indif: 602 kMax: 6 Suite 221111321618~~  
~~1058963 : 1100100100010100000010000000 Indif: 601 kMax: 6 Suite 221213111618~~  
~~1059099 : 1101100010010100000010000000 Indif: 600 kMax: 6 Suite 212312111618~~  
~~1059127 : 1110110010010100000010000000 Indif: 600 kMax: 6 Suite 312212111618~~  
~~1059131 : 1101110010010100000010000000 Indif: 599 kMax: 6 Suite 213212111618~~  
~~1059155 : 1100101010010100000010000000 Indif: 597 kMax: 6 Suite 22111112111618~~  
~~1059367 : 1110010001010100000010000000 Indif: 597 kMax: 6 Suite 321311111618~~  
~~1059403 : 1101001001010100000010000000 Indif: 597 kMax: 6 Suite 21121211111618~~  
~~1059411 : 1100101001010100000010000000 Indif: 596 kMax: 6 Suite 22111211111618~~  
~~1059475 : 1100100101010100000010000000 Indif: 595 kMax: 6 Suite 22121111111618~~  
~~1059539 : 1100101101010100000010000000 Indif: 595 kMax: 6 Suite 22112111111618~~  
~~1059687 : 1110011011010100000010000000 Indif: 595 kMax: 6 Suite 322121111618~~  
~~1061463 : 1110101001001100000010000000 Indif: 593 kMax: 6 Suite 311112122618~~  
~~1063571 : 1100100101011100000010000000 Indif: 593 kMax: 6 Suite 221211113618~~  
~~1066155 : 1101010100100010000010000000 Indif: 593 kMax: 6 Suite 21111112131518~~  
~~1066283 : 1101010010100010000010000000 Indif: 593 kMax: 6 Suite 21111211131518~~  
~~1066315 : 1101001010100010000010000000 Indif: 589 kMax: 6 Suite 21121111131518~~  
~~1066331 : 1101101010100010000010000000 Indif: 589 kMax: 6 Suite 21211111131518~~  
~~1067179 : 1101010100010010000010000000 Indif: 588 kMax: 5 Suite 21111113121518~~  
~~1067351 : 1110101010010010000010000000 Indif: 588 kMax: 5 Suite 31111112121518~~  
~~1067563 : 1101010001010010000010000000 Indif: 587 kMax: 5 Suite 21111311121518~~  
~~1067659 : 1101000101010010000010000000 Indif: 584 kMax: 5 Suite 21131111121518~~  
~~1067947 : 1101010111010010000010000000 Indif: 584 kMax: 5 Suite 21111131121518~~  
~~1069355 : 1101010010001010000010000000 Indif: 583 kMax: 5 Suite 21111213111518~~  
~~1069611 : 1101010001001010000010000000 Indif: 582 kMax: 5 Suite 21111312111518~~  
~~1070219 : 1101000100101010000010000000 Indif: 580 kMax: 5 Suite 21131211111518~~  
~~1072043 : 1101010111011010000010000000 Indif: 580 kMax: 5 Suite 21111131211518~~  
~~1086295 : 1110101011001001000010000000 Indif: 580 kMax: 5 Suite 31111122121418~~  
~~1086379 : 1101010111001001000010000000 Indif: 580 kMax: 5 Suite 21111132121418~~  
~~1088859 : 1101101010111001000010000000 Indif: 580 kMax: 5 Suite 21211111321418~~  
~~1090131 : 1100101001000101000010000000 Indif: 580 kMax: 5 Suite 22111213111418~~

1090395 : 11011010110001010000100000000 Indif: 579 kMax: 5 Suite 21211123111418  
1090411 : 11010110110001010000100000000 Indif: 579 kMax: 5 Suite 21112123111418  
1091867 : 11011000100101010000100000000 Indif: 578 kMax: 5 Suite 21231211111418  
1091895 : 11101100100101010000100000000 Indif: 578 kMax: 5 Suite 31221211111418  
1091899 : 11011100100101010000100000000 Indif: 577 kMax: 5 Suite 21321211111418  
1091943 : 11100110100101010000100000000 Indif: 577 kMax: 5 Suite 32211211111418  
1092023 : 11101101100101010000100000000 Indif: 577 kMax: 5 Suite 31212211111418  
1092059 : 11011011100101010000100000000 Indif: 577 kMax: 5 Suite 21213211111418  
1092455 : 11100110110101010000100000000 Indif: 576 kMax: 5 Suite 32212111111418  
1100119 : 11101010100100110000100000000 Indif: 575 kMax: 5 Suite 31111112122418  
1108627 : 11001001010101110000100000000 Indif: 575 kMax: 5 Suite 22121111113418  
1151663 : 11110101010010011000100000000 Indif: 575 kMax: 5 Suite 41111112122318  
1174163 : 11001001010101111000100000000 Indif: 574 kMax: 5 Suite 22121111114318  
1221015 : 11101001100001010100100000000 Indif: 573 kMax: 5 Suite 31122411111218  
1221075 : 11001011100001010100100000000 Indif: 573 kMax: 5 Suite 22113411111218  
1221587 : 11001011110001010100100000000 Indif: 573 kMax: 5 Suite 22114311111218  
1237331 : 11001010100001110100100000000 Indif: 573 kMax: 5 Suite 22111114311218  
1241427 : 11001010100011110100100000000 Indif: 573 kMax: 5 Suite 22111113411218  
1241943 : 11101010110011110100100000000 Indif: 573 kMax: 5 Suite 31111122411218  
1384855 : 11101001100001001010100000000 Indif: 573 kMax: 5 Suite 31122412111118  
1384915 : 11001011100001001010100000000 Indif: 573 kMax: 5 Suite 22113412111118  
1388695 : 11101001000011001010100000000 Indif: 573 kMax: 5 Suite 31121422111118  
1473367 : 11101010110111100110100000000 Indif: 573 kMax: 5 Suite 31111121422118  
1503571 : 11001010100011110110100000000 Indif: 573 kMax: 5 Suite 22111113412118  
1504087 : 11101010110011110110100000000 Indif: 573 kMax: 5 Suite 31111122412118  
2250507 : 11010000111010100100010000000 Indif: 573 kMax: 4 Suite 21143111121317  
2250635 : 11010001111010100100010000000 Indif: 573 kMax: 4 Suite 21134111121317  
2250647 : 11101001111010100100010000000 Indif: 573 kMax: 4 Suite 31124111121317  
2251819 : 11010100001110100100010000000 Indif: 573 kMax: 4 Suite 21111431121317  
2252331 : 11010100011110100100010000000 Indif: 573 kMax: 4 Suite 21111341121317  
2252375 : 11101010011110100100010000000 Indif: 573 kMax: 4 Suite 31111241121317  
2270691 : 11000111101001010100010000000 Indif: 573 kMax: 4 Suite 23411211111317  
2270695 : 11100111101001010100010000000 Indif: 573 kMax: 4 Suite 32411211111317  
2270987 : 11010000111001010100010000000 Indif: 573 kMax: 4 Suite 21143211111317  
2271143 : 11100101111001010100010000000 Indif: 573 kMax: 4 Suite 32114211111317  
2273463 : 11101101000011010100010000000 Indif: 573 kMax: 4 Suite 31211421111317  
2275083 : 11010000111011010100010000000 Indif: 573 kMax: 4 Suite 21143121111317  
2278055 : 11100101010000110100010000000 Indif: 573 kMax: 4 Suite 32111114211317  
2278071 : 11101101010000110100010000000 Indif: 573 kMax: 4 Suite 31211114211317  
2279339 : 11010101111000110100010000000 Indif: 573 kMax: 4 Suite 21111143211317  
2282979 : 11000111101010110100010000000 Indif: 573 kMax: 4 Suite 23411111211317  
2282983 : 11100111101010110100010000000 Indif: 573 kMax: 4 Suite 32411111211317  
2284587 : 11010100001110110100010000000 Indif: 573 kMax: 4 Suite 21111431211317  
2347563 : 11010100010010111100010000000 Indif: 573 kMax: 4 Suite 21111312114317  
2348171 : 11010001001010111100010000000 Indif: 573 kMax: 4 Suite 21131211114317  
2441623 : 11101001100000101010010000000 Indif: 573 kMax: 4 Suite 31122511111217  
2441683 : 11001011100000101010010000000 Indif: 573 kMax: 4 Suite 22113511111217  
2443219 : 11001011111000101010010000000 Indif: 573 kMax: 4 Suite 22115311111217  
2455307 : 11010000111011101010010000000 Indif: 573 kMax: 4 Suite 21143131111217  
2455691 : 11010001000111101010010000000 Indif: 573 kMax: 4 Suite 21131341111217  
2455927 : 11101110100111101010010000000 Indif: 573 kMax: 4 Suite 31311241111217  
2474323 : 11001010100000111010010000000 Indif: 573 kMax: 4 Suite 22111115311217  
2481195 : 11010100001110111010010000000 Indif: 573 kMax: 4 Suite 21111431311217  
2482731 : 11010100010001111010010000000 Indif: 573 kMax: 4 Suite 21111313411217  
2483575 : 11101110101001111010010000000 Indif: 573 kMax: 4 Suite 31311112411217

2486611 : 11001010100011111010010000000 Indif: 573 kMax: 4 Suite 22111113511217  
2487127 : 11101010110011111010010000000 Indif: 573 kMax: 4 Suite 31111122511217  
2769303 : 11101001100000100101010000000 Indif: 573 kMax: 4 Suite 31122512111117  
2769363 : 11001011100000100101010000000 Indif: 573 kMax: 4 Suite 22113512111117  
2776547 : 11000111101110100101010000000 Indif: 573 kMax: 4 Suite 23413112111117  
2776551 : 11100111101110100101010000000 Indif: 573 kMax: 4 Suite 32413112111117  
2777239 : 11101001000001100101010000000 Indif: 573 kMax: 4 Suite 31121522111117  
2781323 : 11010001000011100101010000000 Indif: 573 kMax: 4 Suite 21131432111117  
2784167 : 11100101110111100101010000000 Indif: 573 kMax: 4 Suite 32113142111117  
2820247 : 11101001000100001101010000000 Indif: 573 kMax: 4 Suite 31121314211117  
2820279 : 11101101000100001101010000000 Indif: 573 kMax: 4 Suite 31211314211117  
2820471 : 11101110100100001101010000000 Indif: 573 kMax: 4 Suite 31311214211117  
2846859 : 11010001000011101101010000000 Indif: 573 kMax: 4 Suite 21131431211117  
2847991 : 11101111001011101101010000000 Indif: 573 kMax: 4 Suite 31421131211117  
2848651 : 11010001111011101101010000000 Indif: 573 kMax: 4 Suite 21134131211117  
2848663 : 11101001111011101101010000000 Indif: 573 kMax: 4 Suite 31124131211117  
2848907 : 11010001000111101101010000000 Indif: 573 kMax: 4 Suite 21131341211117  
2849143 : 11101110100111101101010000000 Indif: 573 kMax: 4 Suite 31311241211117  
2892375 : 11101010010001000011010000000 Indif: 573 kMax: 4 Suite 31111213142117  
2892455 : 11100101010001000011010000000 Indif: 573 kMax: 4 Suite 32111113142117  
2892471 : 11101101010001000011010000000 Indif: 573 kMax: 4 Suite 31211113142117  
2893175 : 11101110101001000011010000000 Indif: 573 kMax: 4 Suite 31311112142117  
2915243 : 11010101110111100011010000000 Indif: 573 kMax: 4 Suite 21111131432117  
2947927 : 11101010110111110011010000000 Indif: 573 kMax: 4 Suite 31111121522117  
2973155 : 11000111101110101011010000000 Indif: 573 kMax: 4 Suite 23413111112117  
2973159 : 11100111101110101011010000000 Indif: 573 kMax: 4 Suite 32413111112117  
2998827 : 11010100010000111011010000000 Indif: 573 kMax: 4 Suite 21111314312117  
3003639 : 11101111001010111011010000000 Indif: 573 kMax: 4 Suite 31421111312117  
3005995 : 11010100011110111011010000000 Indif: 573 kMax: 4 Suite 21111341312117  
3006039 : 11101010011110111011010000000 Indif: 573 kMax: 4 Suite 31111241312117  
3007019 : 11010100010001111011010000000 Indif: 573 kMax: 4 Suite 21111313412117  
3007863 : 11101110101001111011010000000 Indif: 573 kMax: 4 Suite 31311112412117  
3010899 : 11001010100011111011010000000 Indif: 573 kMax: 4 Suite 22111113512117  
3011415 : 11101010110011111011010000000 Indif: 573 kMax: 4 Suite 31111122512117

Temps CPU: 11607 secondes. Total: 195 min.

**Collier de 29 perles.** N°gagnant: 1221015 = 11101001100001010100100000000

Nbr de gagnants: 76

1221015-1221075-1221587-1237331-1241427-1241943-1384855-1384915-1388695-1473367-1503571-1504087-  
2250507-2250635-2250647-2251819-2252331-2252375-2270691-2270695-2270987-2271143-2273463-2275083-  
2278055-2278071-2279339-2282979-2282983-2284587-2347563-2348171-2441623-2441683-2443219-2455307-  
2455691-2455927-2474323-2481195-2482731-2483575-2486611-2487127-2769303-2769363-2776547-2776551-  
2777239-2781323-2784167-2820247-2820279-2820471-2846859-2847991-2848651-2848663-2848907-2849143-  
2892375-2892455-2892471-2893175-2915243-2947927-2973155-2973159-2998827-3003639-3005995-3006039-  
3007019-3007863-3010899-3011415

Indif= 573 Max Indif Couple= 5 Moyenne : 573/406

NB avec unesuite de 6 Zéros, on trouve 52 colliers avec une indifférence de 575 et un maximum de 4 pour l'indifférence de couple.

Thu 21 Feb 2013 11:21:23

**Collier de 30 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 6

~~2115651 : 110000100001001000000100000000 Indif: 713 kMax: 6 Suite 2414121618~~

~~2115655 : 111000100001001000000100000000 Indif: 696 kMax: 6 Suite 3314121618~~

~~2115667 : 110010100001001000000100000000 Indif: 662 kMax: 6 Suite 221114121618~~

~~2115747 : 110001010001001000000100000000 Indif: 654 kMax: 6 Suite 231113121618~~

2115751 : 111001010001001000000100000000 Indif: 648 kMax: 6 Suite 3211113121618  
2115755 : 110101010001001000000100000000 Indif: 642 kMax: 6 Suite 211111113121618  
2115927 : 111010101001001000000100000000 Indif: 642 kMax: 6 Suite 311111112121618  
2116139 : 110101000101001000000100000000 Indif: 641 kMax: 6 Suite 211113111121618  
2116235 : 110100010101001000000100000000 Indif: 638 kMax: 6 Suite 211311111121618  
2116523 : 110101011101001000000100000000 Indif: 638 kMax: 6 Suite 211111311121618  
2117931 : 110101001000101000000100000000 Indif: 635 kMax: 6 Suite 211112131111618  
2118187 : 110101000100101000000100000000 Indif: 634 kMax: 6 Suite 211113121111618  
2118795 : 110100010010101000000100000000 Indif: 632 kMax: 6 Suite 211312111111618  
2120619 : 110101011101101000000100000000 Indif: 632 kMax: 6 Suite 211111312111618  
2124119 : 111010101001011000000100000000 Indif: 632 kMax: 6 Suite 311111112112618  
2125143 : 111010101011011000000100000000 Indif: 632 kMax: 6 Suite 311111111212618  
2127179 : 110100101010111000000100000000 Indif: 632 kMax: 6 Suite 211211111113618  
2127195 : 110110101010111000000100000000 Indif: 632 kMax: 6 Suite 212111111113618  
2132307 : 110010101001000100000100000000 Indif: 632 kMax: 6 Suite 221111112131518  
2132627 : 110010010101000100000100000000 Indif: 629 kMax: 6 Suite 221211111131518  
2134355 : 110010101000100100000100000000 Indif: 628 kMax: 5 Suite 221111113121518  
2134691 : 110001010100100100000100000000 Indif: 627 kMax: 5 Suite 231111112121518  
2134871 : 111010101100100100000100000000 Indif: 625 kMax: 5 Suite 311111122121518  
2134955 : 110101011100100100000100000000 Indif: 625 kMax: 5 Suite 21111132121518  
2137435 : 110110101011100100000100000000 Indif: 625 kMax: 5 Suite 212111111321518  
2138707 : 110010100100010100000100000000 Indif: 625 kMax: 5 Suite 221112131111518  
2138971 : 110110101100010100000100000000 Indif: 624 kMax: 5 Suite 212111231111518  
2138987 : 110101101100010100000100000000 Indif: 624 kMax: 5 Suite 211121231111518  
2140443 : 110110001001010100000100000000 Indif: 623 kMax: 5 Suite 212312111111518  
2140471 : 111011001001010100000100000000 Indif: 623 kMax: 5 Suite 312212111111518  
2140475 : 110111001001010100000100000000 Indif: 622 kMax: 5 Suite 213212111111518  
2140519 : 111001101001010100000100000000 Indif: 622 kMax: 5 Suite 322112111111518  
2140599 : 111011011001010100000100000000 Indif: 622 kMax: 5 Suite 312122111111518  
2140635 : 110110111001010100000100000000 Indif: 622 kMax: 5 Suite 212132111111518  
2141031 : 111001101101010100000100000000 Indif: 621 kMax: 5 Suite 322121111111518  
2148695 : 111010101001001100000100000000 Indif: 620 kMax: 5 Suite 311111112122518  
2157203 : 110010010101011100000100000000 Indif: 620 kMax: 5 Suite 221211111113518  
2173479 : 111001000101010010000100000000 Indif: 620 kMax: 5 Suite 321311111121418  
2180263 : 111001010010001010000100000000 Indif: 619 kMax: 5 Suite 321112131111418  
2183463 : 111001001000101010000100000000 Indif: 619 kMax: 5 Suite 321213111111418  
2183719 : 111001000100101010000100000000 Indif: 619 kMax: 5 Suite 321312111111418  
2183907 : 110001110100101010000100000000 Indif: 619 kMax: 5 Suite 233112111111418  
2184075 : 110100011100101010000100000000 Indif: 619 kMax: 5 Suite 211332111111418  
2184743 : 111001000110101010000100000000 Indif: 619 kMax: 5 Suite 321321111111418  
2184763 : 110111000110101010000100000000 Indif: 619 kMax: 5 Suite 213321111111418  
2184931 : 110001110110101010000100000000 Indif: 619 kMax: 5 Suite 233121111111418  
2185367 : 111010010001101010000100000000 Indif: 618 kMax: 5 Suite 311213211111418  
2185399 : 111011010001101010000100000000 Indif: 618 kMax: 5 Suite 312113211111418  
2185767 : 111001000101101010000100000000 Indif: 618 kMax: 5 Suite 321311211111418  
2186135 : 111010011101101010000100000000 Indif: 618 kMax: 5 Suite 311231211111418  
2186151 : 111001011101101010000100000000 Indif: 617 kMax: 5 Suite 321131211111418  
2191015 : 111001010111011010000100000000 Indif: 617 kMax: 5 Suite 321111312111418  
2204247 : 111010100100010110000100000000 Indif: 617 kMax: 5 Suite 311112131112418  
2204343 : 111011010100010110000100000000 Indif: 617 kMax: 5 Suite 312111113112418  
2205847 : 111010010001010110000100000000 Indif: 617 kMax: 5 Suite 311213111112418  
2205879 : 111011010001010110000100000000 Indif: 617 kMax: 5 Suite 312113111112418  
2206247 : 111001000101010110000100000000 Indif: 617 kMax: 5 Suite 321311111112418  
2209143 : 111011101010110110000100000000 Indif: 617 kMax: 5 Suite 313111111212418  
2210471 : 111001010101110110000100000000 Indif: 617 kMax: 5 Suite 321111111312418

2210487 : 111011010101110110000100000000 Indif: 617 kMax: 5 Suite 31211111312418  
2214059 : 110101010001001110000100000000 Indif: 617 kMax: 5 Suite 211111113123418  
2214587 : 110111010101001110000100000000 Indif: 617 kMax: 5 Suite 213111111123418  
2216491 : 110101000100101110000100000000 Indif: 617 kMax: 5 Suite 21111312113418  
2217099 : 110100010010101110000100000000 Indif: 617 kMax: 5 Suite 21131211113418  
2218539 : 110101000101101110000100000000 Indif: 617 kMax: 5 Suite 21111311213418  
2218635 : 110100010101101110000100000000 Indif: 617 kMax: 5 Suite 21131111213418  
2218683 : 110111010101101110000100000000 Indif: 617 kMax: 5 Suite 21311111213418  
2219355 : 110110101011101110000100000000 Indif: 617 kMax: 5 Suite 21211111313418  
2249851 : 110111100010101001000100000000 Indif: 617 kMax: 5 Suite 21431111121318  
2250211 : 110001111010101001000100000000 Indif: 617 kMax: 5 Suite 23411111121318  
2250215 : 111001111010101001000100000000 Indif: 617 kMax: 5 Suite 32411111121318  
2250507 : 110100001110101001000100000000 Indif: 616 kMax: 5 Suite 21143111121318  
2250635 : 110100011110101001000100000000 Indif: 616 kMax: 5 Suite 21134111121318  
2250647 : 111010011110101001000100000000 Indif: 616 kMax: 5 Suite 31124111121318  
2251819 : 110101000011101001000100000000 Indif: 616 kMax: 5 Suite 21111431121318  
2252331 : 110101000111101001000100000000 Indif: 616 kMax: 5 Suite 21111341121318  
2252375 : 111010100111101001000100000000 Indif: 616 kMax: 5 Suite 31111241121318  
2270691 : 110001111010010101000100000000 Indif: 616 kMax: 5 Suite 2341121111318  
2270695 : 111001111010010101000100000000 Indif: 616 kMax: 5 Suite 3241121111318  
2270987 : 110100001110010101000100000000 Indif: 616 kMax: 5 Suite 2114321111318  
2271143 : 111001011110010101000100000000 Indif: 616 kMax: 5 Suite 3211421111318  
2273463 : 111011010000110101000100000000 Indif: 616 kMax: 5 Suite 3121142111318  
2275083 : 110100001110110101000100000000 Indif: 616 kMax: 5 Suite 2114312111318  
2278055 : 111001010100001101000100000000 Indif: 616 kMax: 5 Suite 32111114211318  
2278071 : 111011010100001101000100000000 Indif: 616 kMax: 5 Suite 31211114211318  
2279339 : 110101011110001101000100000000 Indif: 616 kMax: 5 Suite 21111143211318  
2282979 : 110001111010101101000100000000 Indif: 616 kMax: 5 Suite 23411111211318  
2282983 : 111001111010101101000100000000 Indif: 616 kMax: 5 Suite 32411111211318  
2284587 : 110101000011101101000100000000 Indif: 616 kMax: 5 Suite 21111431211318  
2347563 : 110101000100101111000100000000 Indif: 616 kMax: 5 Suite 21111312114318  
2348171 : 110100010010101111000100000000 Indif: 616 kMax: 5 Suite 21131211114318  
2455307 : 110100001110111010100100000000 Indif: 616 kMax: 5 Suite 21143131111218  
2455691 : 110100010001111010100100000000 Indif: 616 kMax: 5 Suite 21131341111218  
2455927 : 111011101001111010100100000000 Indif: 616 kMax: 5 Suite 31311241111218  
2481195 : 110101000011101110100100000000 Indif: 616 kMax: 5 Suite 21111431311218  
2482731 : 110101000100011110100100000000 Indif: 616 kMax: 5 Suite 21111313411218  
2483575 : 111011101010011110100100000000 Indif: 616 kMax: 5 Suite 31311112411218  
2776547 : 110001111011101001010100000000 Indif: 616 kMax: 5 Suite 23413112111118  
2776551 : 111001111011101001010100000000 Indif: 616 kMax: 5 Suite 32413112111118  
2781323 : 110100010000111001010100000000 Indif: 616 kMax: 5 Suite 21131432111118  
2784167 : 111001011101111001010100000000 Indif: 616 kMax: 5 Suite 32113142111118  
2820247 : 111010010001000011010100000000 Indif: 616 kMax: 5 Suite 31121314211118  
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2820471 : 111011101001000011010100000000 Indif: 616 kMax: 5 Suite 31311214211118  
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2848663 : 111010011110111011010100000000 Indif: 616 kMax: 5 Suite 31124131211118  
2848907 : 110100010001111011010100000000 Indif: 616 kMax: 5 Suite 21131341211118  
2849143 : 111011101001111011010100000000 Indif: 616 kMax: 5 Suite 31311241211118  
2892375 : 111010100100010000110100000000 Indif: 616 kMax: 5 Suite 31111213142118  
2892455 : 111001010100010000110100000000 Indif: 616 kMax: 5 Suite 32111113142118  
2892471 : 111011010100010000110100000000 Indif: 616 kMax: 5 Suite 31211113142118  
2893175 : 111011101010010000110100000000 Indif: 616 kMax: 5 Suite 31311112142118

2915243 : 11010101110111100011010000000 Indif: 616 kMax: 5 Suite 21111131432118  
2973155 : 11000111101110101011010000000 Indif: 616 kMax: 5 Suite 23413111112118  
2973159 : 11100111101110101011010000000 Indif: 616 kMax: 5 Suite 32413111112118  
2998827 : 11010100010000111011010000000 Indif: 616 kMax: 5 Suite 21111314312118  
3003639 : 11101111001010111011010000000 Indif: 616 kMax: 5 Suite 31421111312118  
3005995 : 11010100011110111011010000000 Indif: 616 kMax: 5 Suite 21111341312118  
3006039 : 11101010011110111011010000000 Indif: 616 kMax: 5 Suite 31111241312118  
3007019 : 11010100010001111011010000000 Indif: 616 kMax: 5 Suite 21111313412118  
3007863 : 11101110101001111011010000000 Indif: 616 kMax: 5 Suite 31311112412118  
4501003 : 11010000011101010010001000000 Indif: 616 kMax: 4 Suite 21153111121317  
4501387 : 11010001111101010010001000000 Indif: 616 kMax: 4 Suite 21135111121317  
4501399 : 11101001111101010010001000000 Indif: 616 kMax: 4 Suite 31125111121317  
4503595 : 11010100000111010010001000000 Indif: 616 kMax: 4 Suite 21111531121317  
4505131 : 11010100011111010010001000000 Indif: 616 kMax: 4 Suite 21111351121317  
4505175 : 11101010011111010010001000000 Indif: 616 kMax: 4 Suite 31111251121317  
4531887 : 11110101011001001010001000000 Indif: 616 kMax: 4 Suite 4111112212111317  
4532139 : 11010101111001001010001000000 Indif: 616 kMax: 4 Suite 2111114212111317  
4535983 : 11110101011011001010001000000 Indif: 616 kMax: 4 Suite 4111112122111317  
4537691 : 11011010101111001010001000000 Indif: 616 kMax: 4 Suite 2121111142111317  
4540847 : 11110101100100101010001000000 Indif: 616 kMax: 4 Suite 4111221211111317  
4540907 : 11010111100100101010001000000 Indif: 616 kMax: 4 Suite 2111421211111317  
4541411 : 11000111110100101010001000000 Indif: 616 kMax: 4 Suite 23511211111317  
4541415 : 11100111110100101010001000000 Indif: 616 kMax: 4 Suite 32511211111317  
4541871 : 11110101101100101010001000000 Indif: 616 kMax: 4 Suite 4111212211111317  
4541963 : 11010000011100101010001000000 Indif: 616 kMax: 4 Suite 21153211111317  
4542299 : 11011010111100101010001000000 Indif: 616 kMax: 4 Suite 2121114211111317  
4542375 : 11100101111100101010001000000 Indif: 616 kMax: 4 Suite 32115211111317  
4544603 : 11011010000110101010001000000 Indif: 616 kMax: 5 Suite 2121142111111317  
4544815 : 11110100100110101010001000000 Indif: 616 kMax: 5 Suite 4112122111111317  
4545291 : 11010000110110101010001000000 Indif: 616 kMax: 5 Suite 2114212111111317  
4545327 : 11110100110110101010001000000 Indif: 616 kMax: 5 Suite 4112212111111317  
4546743 : 11101101000001101010001000000 Indif: 616 kMax: 4 Suite 31211521111317  
4550155 : 11010000011101101010001000000 Indif: 616 kMax: 4 Suite 21153121111317  
4555431 : 11100101010000011010001000000 Indif: 616 kMax: 4 Suite 32111115211317  
4555447 : 11101101010000011010001000000 Indif: 616 kMax: 4 Suite 31211115211317  
4556123 : 11011010101000011010001000000 Indif: 616 kMax: 5 Suite 2121111114211317  
4558763 : 11010101111100011010001000000 Indif: 616 kMax: 4 Suite 21111153211317  
4559535 : 11110101010010011010001000000 Indif: 616 kMax: 5 Suite 4111111212211317  
4565987 : 11000111110101011010001000000 Indif: 616 kMax: 4 Suite 23511111211317  
4565991 : 11100111110101011010001000000 Indif: 616 kMax: 4 Suite 32511111211317  
44567211 : 11010101000011011010001000000 Indif: 616 kMax: 5 Suite 2111111421211317  
4567727 : 11110101010011011010001000000 Indif: 616 kMax: 5 Suite 4111111221211317  
4569131 : 11010100000111011010001000000 Indif: 616 kMax: 4 Suite 21111531211317  
4706859 : 11010100010010111110001000000 Indif: 616 kMax: 4 Suite 21111312115317  
4707467 : 11010001001010111110001000000 Indif: 616 kMax: 4 Suite 21131211115317  
4910603 : 11010000011101110101001000000 Indif: 616 kMax: 4 Suite 21153131111217  
4913291 : 11010001000111110101001000000 Indif: 616 kMax: 4 Suite 21131351111217  
4913527 : 11101110100111110101001000000 Indif: 616 kMax: 4 Suite 31311251111217  
4962347 : 11010100000111011101001000000 Indif: 616 kMax: 4 Suite 21111531311217  
4973099 : 11010100010001111101001000000 Indif: 616 kMax: 4 Suite 21111313511217  
4973943 : 11101110101001111101001000000 Indif: 616 kMax: 4 Suite 31311112511217  
5401327 : 11110111010101100100101000000 Indif: 616 kMax: 4 Suite 4131111122121117  
5405611 : 11010101110111100100101000000 Indif: 616 kMax: 4 Suite 2111113142121117  
5466863 : 11110111010101101100101000000 Indif: 616 kMax: 4 Suite 4131111121221117  
5496155 : 11011010101110111100101000000 Indif: 616 kMax: 4 Suite 2121111131421117

5544687 : 111101110101100100101010000000 Indif: 616 kMax: 4 Suite 4131112212111117  
5545707 : 110101110111100100101010000000 Indif: 616 kMax: 4 Suite 2111314212111117  
5553123 : 110001111101110100101010000000 Indif: 616 kMax: 4 Suite 23513112111117  
5553127 : 111001111101110100101010000000 Indif: 616 kMax: 4 Suite 32513112111117  
5561071 : 111101110101101100101010000000 Indif: 616 kMax: 4 Suite 4131112122111117  
5562507 : 110100010000011100101010000000 Indif: 616 kMax: 4 Suite 21131532111117  
5568347 : 110110101110111100101010000000 Indif: 616 kMax: 4 Suite 2121113142111117  
5569447 : 111001011101111100101010000000 Indif: 616 kMax: 4 Suite 32113152111117  
5604443 : 110110100010000110101010000000 Indif: 616 kMax: 5 Suite 2121131421111117  
5608175 : 111101110100100110101010000000 Indif: 616 kMax: 5 Suite 4131121221111117  
5615755 : 110100010000110110101010000000 Indif: 616 kMax: 5 Suite 2113142121111117  
5616367 : 111101110100110110101010000000 Indif: 616 kMax: 5 Suite 4131122121111117  
5638295 : 111010010001000001101010000000 Indif: 616 kMax: 4 Suite 31121315211117  
5638327 : 111011010001000001101010000000 Indif: 616 kMax: 4 Suite 31211315211117  
5638519 : 111011101001000001101010000000 Indif: 616 kMax: 4 Suite 31311215211117  
5693579 : 110100010000011101101010000000 Indif: 616 kMax: 4 Suite 21131531211117  
5695991 : 111011111001011101101010000000 Indif: 616 kMax: 4 Suite 31521131211117  
5697419 : 110100011111011101101010000000 Indif: 616 kMax: 4 Suite 21135131211117  
5697431 : 111010011111011101101010000000 Indif: 616 kMax: 4 Suite 31125131211117  
5699723 : 110100010001111101101010000000 Indif: 616 kMax: 4 Suite 21131351211117  
5699959 : 111011101001111101101010000000 Indif: 616 kMax: 4 Suite 31311251211117  
5775959 : 111010100100010000011010000000 Indif: 616 kMax: 4 Suite 31111213152117  
5776039 : 111001010100010000011010000000 Indif: 616 kMax: 4 Suite 32111113152117  
5776055 : 111011010100010000011010000000 Indif: 616 kMax: 4 Suite 31211113152117  
5776759 : 111011101010010000011010000000 Indif: 616 kMax: 4 Suite 31311112152117  
5784923 : 110110101010001000011010000000 Indif: 616 kMax: 5 Suite 2121111113142117  
5831595 : 110101011101111100011010000000 Indif: 616 kMax: 4 Suite 21111131532117  
5843695 : 111101110101010010011010000000 Indif: 616 kMax: 5 Suite 4131111112122117  
5946339 : 110001111101110101011010000000 Indif: 616 kMax: 4 Suite 23513111112117  
5946343 : 111001111101110101011010000000 Indif: 616 kMax: 4 Suite 32513111112117  
5965995 : 1101010100010000011011010000000 Indif: 616 kMax: 5 Suite 2111111314212117  
5974767 : 111101110101010011011010000000 Indif: 616 kMax: 5 Suite 4131111112212117  
5997099 : 110101000100000111011010000000 Indif: 616 kMax: 4 Suite 21111315312117  
6007287 : 111011111001010111011010000000 Indif: 616 kMax: 4 Suite 31521111312117  
6012459 : 110101000111110111011010000000 Indif: 616 kMax: 4 Suite 21111351312117  
6012503 : 111010100111110111011010000000 Indif: 616 kMax: 4 Suite 31111251312117  
6021675 : 110101000100011111011010000000 Indif: 616 kMax: 4 Suite 21111313512117  
6022519 : 111011101010011111011010000000 Indif: 616 kMax: 4 Suite 31311112512117

Temps CPU: 24863 secondes. Total: 416 min.

**Collier de 30 perles.** N°gagnant: 2250507 = 110100001110101001000100000000

**Nbr de gagnants: 136 :**

2250507-2250635-2250647-2251819-2252331-2252375-2270691-2270695-2270987-2271143-2273463-  
2275083-2278055-2278071-2279339-2282979-2282983-2284587-2347563-2348171-2455307-2455691-2455927-  
2481195-2482731-2483575-2776547-2776551-2781323-2784167-2820247-2820279-2820471-2846859-2847991-  
2848651-2848663-2848907-2849143-2892375-2892455-2892471-2893175-2915243-2973155-2973159-2998827-  
3003639-3005995-3006039-3007019-3007863-4501003-4501387-4501399-4503595-4505131-4505175-4531887-  
4532139-4535983-4537691-4540847-4540907-4541411-4541415-4541871-4541963-4542299-4542375-4544603-  
4544815-4545291-4545327-4546743-4550155-4555431-4555447-4556123-4558763-4559535-4565987-4565991-  
4567211-4567727-4569131-4706859-4707467-4910603-4913291-4913527-4962347-4973099-4973943-5401327-  
5405611-5466863-5496155-5544687-5545707-5553123-5553127-5561071-5562507-5568347-5569447-5604443-  
5608175-5615755-5616367-5638295-5638327-5638519-5693579-5695991-5697419-5697431-5699723-5699959-  
5775959-5776039-5776055-5776759-5784923-5831595-5843695-5946339-5946343-5965995-5974767-5997099-  
6007287-6012459-6012503-6021675-6022519 Indif= 616 Max Indif Couple= 5 Moyenne : 616/435



Sat 23 Feb 2013 20:03:16

**TopoCollier de 31 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 5

Calcul du collier 4194307 au collier 16777217 soit 12582910 colliers par pas de 4

4268563 : 1100100001000100100000100000000 Indif: 721 kMax: 5 Suite 221413121518  
4268567 : 1110100001000100100000100000000 Indif: 708 kMax: 5 Suite 311413121518  
4268587 : 1101010001000100100000100000000 Indif: 684 kMax: 5 Suite 21111313121518  
4268691 : 1100100101000100100000100000000 Indif: 684 kMax: 5 Suite 22121113121518  
4268695 : 1110100101000100100000100000000 Indif: 678 kMax: 5 Suite 31121113121518  
4268711 : 1110010101000100100000100000000 Indif: 669 kMax: 5 Suite 32111113121518  
4270631 : 1110010001010100100000100000000 Indif: 667 kMax: 5 Suite 32131111121518  
4277415 : 1110010100100010100000100000000 Indif: 666 kMax: 5 Suite 32111213111518  
4280615 : 1110010010001010100000100000000 Indif: 666 kMax: 5 Suite 32121311111518  
4280871 : 1110010001001010100000100000000 Indif: 666 kMax: 5 Suite 32131211111518  
4281059 : 1100011101001010100000100000000 Indif: 666 kMax: 5 Suite 23311211111518  
4281227 : 1101000111001010100000100000000 Indif: 666 kMax: 5 Suite 21133211111518  
4281895 : 1110010001101010100000100000000 Indif: 666 kMax: 5 Suite 32132111111518  
4281915 : 1101110001101010100000100000000 Indif: 666 kMax: 5 Suite 21332111111518  
4282083 : 1100011101101010100000100000000 Indif: 666 kMax: 5 Suite 23312111111518  
4282519 : 1110100100011010100000100000000 Indif: 665 kMax: 5 Suite 31121321111518  
4282551 : 1110110100011010100000100000000 Indif: 665 kMax: 5 Suite 31211321111518  
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4283287 : 1110100111011010100000100000000 Indif: 665 kMax: 5 Suite 31123121111518  
4283303 : 1110010111011010100000100000000 Indif: 664 kMax: 5 Suite 32113121111518  
4288167 : 1110010101110110100000100000000 Indif: 664 kMax: 5 Suite 32111131211518  
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Temps CPU: 37402 secondes. Total: 867 min.

Collier de 31 perles. N°gagnant: 8995671 = 111010101100001010010001000000 Nbr de gagnants: 72

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11079403-11079895-11079915-11080951-11083499-11136375-11136695-11136727-11208855-11208887-  
11209079-11235467-11236599-11237259-11237271-11237515-11237751-11569495-11569847-11572599-  
11995307-12014839-12023979-12024151-12028075-12031351 Indif= 656 Max Indif Couple= 4 Moyenne :  
656/465

Tue 19 Feb 2013 09:14:08

**Collier de 32 Perles.** Recherche avec Zéros de 7 à 8 et kmax= 5

~~8537099 : 11010000001000100100000010000000 Indif: 770 kMax: 5 Suite 211613121518~~  
~~8537127 : 11100100001000100100000010000000 Indif: 765 kMax: 5 Suite 3214413121518~~  
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