

## Modélisation du principe de variété maximale

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### ANNEXE 2-1 : Nucléo Collier de Type 1 Résultats des Calculs avec Mathematica

Sat 23 Feb 2013 11:55:30

**NucléoCollier Type I de 6 Perles.** Recherche avec Zéros de 2 à 4 et kmax= 3

11 : 110100 Indif: 22 kMax: 3 Suite 2112

~~13 : 101100 Indif: 22 kMax: 3 Suite 1122~~

Temps CPU: 0 secondes. Total: 0 min.

Collier de 6 perles. N°gagnant: 11 = 110100

Nbr de gagnants: 2-1

11-~~13~~ Indif= 22 Max Indif Couple= 3 Moyenne : 22/15

Mais 13 lu en sens inverse == 11

Sat 23 Feb 2013 11:52:22

**NucléoCollier Type I de 7 Perles.** Recherche avec Zéros de 3 à 5 et kmax= 6

11 : 1101000 Indif: 29 kMax: 3 Suite 2113

~~13 : 1011000 Indif: 29 kMax: 3 Suite 1123~~

Temps CPU: 0 secondes. Total: 0 min.

Collier de 7 perles. N°gagnant: 11 = 1101000

Nbr de gagnants: 2-1

11-~~13~~ Indif= 29 Max Indif Couple= 3 Moyenne : 29/21

Mais 13 lu en sens inverse == 11

Wed 27 Mar 2013 18:37:45

**NucléoCollier de Type 1 V-22 mars de 7 Perles.** Recherche avec 2 à 3 séries de zéros à droite et kmax= 3

Calcul du collier 1 au collier 33 soit 33 colliers par pas de 2

11 : {1,1,0,1,0,0,0} Indif: 29 kMax: 3 Suite 2113

Temps CPU: 0 secondes. Total: 0 secondes.

Collier de 7 perles. N°du 1er gagnant: 11 Forme : 2113 Nbr de gagnants: 1

Indif= 29 Max Indif Couple= 3 Moyenne : 29/21

{2113}

Sat 23 Feb 2013 12:09:43

**NucléoCollier Type I de 8 Perles.** Recherche avec Zéros de 2 à 4 et kmax= 4 et N+2

11 : 11010000 Indif: 42 kMax: 4 Suite 2114

~~13 : 10110000 Indif: 42 kMax: 4 Suite 1124~~

23 : 11101000 Indif: 37 kMax: 3 Suite 3113

~~29 : 10111000 Indif: 37 kMax: 3 Suite 1133~~

43 : 11010100 Indif: 37 kMax: 3 Suite 211112

~~53 : 10101100 Indif: 37 kMax: 3 Suite 111122~~

Temps CPU: 0 secondes. Total: 0 min.

Collier de 8 perles. N°gagnant: 23 = 11101000

Nbr de gagnants: 4-2

23-~~29~~-43-~~53~~ Indif= 37 Max Indif Couple= 3 Moyenne : 37/28

Mais 29 lu en sens inverse == 23

Mais 53 permuté == 43

Wed 27 Mar 2013 18:39:55

**NucléoCollier de Type 1 V-22 mars de 8 Perles.** Recherche avec 2 à 4 séries de zéros à droite et kmax= 3

Calcul du collier 1 au collier 65 soit 65 colliers par pas de 2  
23 : {1,1,1,0,1,0,0,0} Indif: 37 kMax: 3 Suite 3113  
43 : {1,1,0,1,0,1,0,0} Indif: 37 kMax: 3 Suite 211112  
Temps CPU: 0 secondes. Total: 0 secondes.  
Collier de 8 perles. N°du 1er gagnant: 23 Forme : 3113 Nbr de gagnants: 2  
Indif= 37 Max Indif Couple= 3 Moyenne : 37/28  
{3113,211112}

Wed 27 Mar 2013 18:43:10

**NucléoCollier de Type 1 V-22 mars de 9 Perles.** Recherche avec 2 à 4 séries de zéros à droite et kmax= 4  
Calcul du collier 1 au collier 129 soit 129 colliers par pas de 2  
~~11 : {1,1,0,1,0,0,0,0,0} Indif: 54 kMax: 4 Suite 2115~~  
~~23 : {1,1,1,0,1,0,0,0,0} Indif: 50 kMax: 3 Suite 3114~~  
43 : {1,1,0,1,0,1,0,0,0} Indif: 49 kMax: 4 Suite 211113  
Temps CPU: 0 secondes. Total: 0 secondes.  
Collier de 9 perles. N°du 1er gagnant: 43 Forme : 211113 Nbr de gagnants: 1  
Indif= 49 Max Indif Couple= 4 Moyenne : 49/36  
{211113}

Wed 27 Mar 2013 18:45:46

**NucléoCollier de Type 1 V-22 mars de 10 Perles.** Recherche avec 2 à 5 séries de zéros à droite et kmax= 4  
Calcul du collier 1 au collier 257 soit 257 colliers par pas de 2  
~~23 : {1,1,1,0,1,0,0,0,0,0} Indif: 63 kMax: 4 Suite 3115~~  
~~43 : {1,1,0,1,0,1,0,0,0,0} Indif: 63 kMax: 4 Suite 211114~~  
~~87 : {1,1,1,0,1,0,1,0,0,0} Indif: 62 kMax: 4 Suite 311113~~  
171 : {1,1,0,1,0,1,0,1,0,0} Indif: 60 kMax: 3 Suite 21111112  
Temps CPU: 0 secondes. Total: 0 secondes.  
Collier de 10 perles. N°du 1er gagnant: 171 Forme : 21111112 Nbr de gagnants: 1  
Indif= 60 Max Indif Couple= 3 Moyenne : 4/3  
{21111112}

Wed 27 Mar 2013 18:47:01

**NucléoCollier de Type 1 V-22 mars de 11 Perles.** Recherche avec 2 à 5 séries de zéros à droite et kmax= 5  
Calcul du collier 1 au collier 513 soit 513 colliers par pas de 2  
~~11 : {1,1,0,1,0,0,0,0,0,0,0} Indif: 87 kMax: 5 Suite 2117~~  
~~23 : {1,1,1,0,1,0,0,0,0,0,0} Indif: 80 kMax: 5 Suite 3116~~  
~~43 : {1,1,0,1,0,1,0,0,0,0,0} Indif: 79 kMax: 5 Suite 211115~~  
~~47 : {1,1,1,1,0,1,0,0,0,0,0} Indif: 79 kMax: 4 Suite 4115~~  
87 : {1,1,1,0,1,0,1,0,0,0,0} Indif: 76 kMax: 4 Suite 311114  
151 : {1,1,1,0,1,0,0,1,0,0,0} Indif: 76 kMax: 3 Suite 311213  
157 : {1,0,1,1,1,0,0,1,0,0,0} Indif: 76 kMax: 3 Suite 113213  
Temps CPU: 1 secondes. Total: 1 secondes.  
Collier de 11 perles. N°du 1er gagnant: 87 Forme : 311114 Nbr de gagnants: 3  
Indif= 76 Max Indif Couple= 4 Moyenne : 76/55  
{311114,311213,113213}

Thu 14 Mar 2013 18:49:49

**NucléoCollier de Type 1 de 12 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 5  
Calcul du collier 33 au collier 1025 soit 993 colliers par pas de 2  
~~37 : {1,0,1,0,0,1,0,0,0,0,0,0} Indif: 112 kMax: 5 Suite 111216~~  
~~39 : {1,1,1,0,0,1,0,0,0,0,0,0} Indif: 101 kMax: 4 Suite 3216~~  
~~47 : {1,1,1,1,0,1,0,0,0,0,0,0} Indif: 97 kMax: 5 Suite 4116~~  
~~79 : {1,1,1,1,0,0,1,0,0,0,0,0} Indif: 96 kMax: 4 Suite 4215~~  
87 : {1,1,1,0,1,0,1,0,0,0,0,0} Indif: 92 kMax: 4 Suite 311115  
171 : {1,1,0,1,0,1,0,1,0,0,0,0} Indif: 92 kMax: 4 Suite 21111114  
175 : {1,1,1,1,0,1,0,1,0,0,0,0} Indif: 92 kMax: 4 Suite 411114  
183 : {1,1,1,0,1,1,0,1,0,0,0,0} Indif: 92 kMax: 3 Suite 312114  
349 : {1,0,1,1,1,0,1,0,1,0,0,0} Indif: 92 kMax: 4 Suite 11311113  
Temps CPU: 2 secondes. Total: 2 secondes.

Collier de 12 perles. N°du 1er gagnant: 87 Forme : 311115 Nbr de gagnants: 5  
Indif= 92 Max Indif Couple= 4 Moyenne : 46/33  
{311115,21111114,411114,312114,11311113}

Thu 14 Mar 2013 18:47:54

**NucléoCollier de Type 1 de 13 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 5

Calcul du collier 65 au collier 2049 soit 1985 colliers par pas de 2

69 : {1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 136 kMax: 5 Suite 111316

71 : {1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 121 kMax: 4 Suite 3316

79 : {1,1,1,1,0,0,1,0,0,0,0,0,0} Indif: 117 kMax: 4 Suite 4216

87 : {1,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 112 kMax: 5 Suite 311116

111 : {1,1,1,1,0,1,1,0,0,0,0,0,0} Indif: 112 kMax: 5 Suite 4126

151 : {1,1,1,0,1,0,0,1,0,0,0,0,0} Indif: 110 kMax: 3 Suite 311215

175 : {1,1,1,1,0,1,0,1,0,0,0,0,0} Indif: 109 kMax: 4 Suite 411115

183 : {1,1,1,0,1,1,0,1,0,0,0,0,0} Indif: 108 kMax: 4 Suite 312115

629 : {1,0,1,0,1,1,1,0,0,1,0,0,0} Indif: 107 kMax: 4 Suite 11113213

Temps CPU: 4 secondes. Total: 4 secondes.

Collier de 13 perles. N°du 1er gagnant: 629 Forme : 11113213 Nbr de gagnants: 1

Indif= 107 Max Indif Couple= 4 Moyenne : 107/78

{11113213}

Sat 23 Mar 2013 00:22:37

**NucléoCollier de Type 1 V-22 mars de 14 Perles.** Recherche avec 2 à 7 séries de zéros à droite et kmax= 5

Calcul du collier 65 au collier 4097 soit 4033 colliers par pas de 2

71 : {1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 144 kMax: 4 Suite 3317

79 : {1,1,1,1,0,0,1,0,0,0,0,0,0,0} Indif: 139 kMax: 5 Suite 4217

87 : {1,1,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 133 kMax: 5 Suite 311117

111 : {1,1,1,1,0,1,1,0,0,0,0,0,0,0} Indif: 131 kMax: 5 Suite 4127

175 : {1,1,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 130 kMax: 5 Suite 411116

183 : {1,1,1,0,1,1,0,1,0,0,0,0,0,0} Indif: 127 kMax: 4 Suite 312116

599 : {1,1,1,0,1,0,1,0,0,1,0,0,0,0} Indif: 127 kMax: 4 Suite 31111214

629 : {1,0,1,0,1,1,1,0,0,1,0,0,0,0} Indif: 127 kMax: 4 Suite 11113214

687 : {1,1,1,1,0,1,0,1,0,1,0,0,0,0} Indif: 127 kMax: 4 Suite 41111114

699 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0} Indif: 125 kMax: 4 Suite 21311114

Temps CPU: 9 secondes. Total: 9 secondes.

Collier de 14 perles. N°du 1er gagnant: 699 Forme : 21311114 Nbr de gagnants: 1

Indif= 125 Max Indif Couple= 4 Moyenne : 125/91

{21311114}

Wed 27 Mar 2013 18:52:13

**NucléoCollier de Type 1 V-22 mars de 15 Perles.** Recherche avec 2 à 7 séries de zéros à droite et kmax= 6

Calcul du collier 1 au collier 8193 soit 8193 colliers par pas de 2

11 : {1,1,0,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 200 kMax: 6 Suite 21111

23 : {1,1,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 180 kMax: 6 Suite 31110

29 : {1,0,1,1,1,0,0,0,0,0,0,0,0,0,0} Indif: 180 kMax: 6 Suite 11310

43 : {1,1,0,1,0,1,0,0,0,0,0,0,0,0,0} Indif: 172 kMax: 6 Suite 211119

55 : {1,1,1,0,1,1,0,0,0,0,0,0,0,0,0} Indif: 167 kMax: 6 Suite 3129

79 : {1,1,1,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 166 kMax: 6 Suite 4218

87 : {1,1,1,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 159 kMax: 5 Suite 311118

111 : {1,1,1,1,0,1,1,0,0,0,0,0,0,0,0} Indif: 156 kMax: 6 Suite 4128

159 : {1,1,1,1,1,0,0,1,0,0,0,0,0,0,0} Indif: 156 kMax: 5 Suite 5217

175 : {1,1,1,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 152 kMax: 5 Suite 411117

183 : {1,1,1,0,1,1,0,1,0,0,0,0,0,0,0} Indif: 148 kMax: 4 Suite 312117

599 : {1,1,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 146 kMax: 4 Suite 31111215

699 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,0} Indif: 144 kMax: 4 Suite 21311115

2397 : {1,0,1,1,1,0,1,0,1,0,0,1,0,0,0} Indif: 144 kMax: 4 Suite 1131111213

2421 : {1,0,1,0,1,1,1,0,1,0,0,1,0,0,0} Indif: 144 kMax: 4 Suite 1111311213

Temps CPU: 23 secondes. Total: 23 secondes.

Collier de 15 perles. N°du 1er gagnant: 699 Forme : 21311115 Nbr de gagnants: 3

Indif= 144 Max Indif Couple= 4 Moyenne : 48/35  
{21311115,1131111213,1111311213}

Thu 14 Mar 2013 18:45:07

**NucléoCollier de Type 1 de 16 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 6

Calcul du collier 513 au collier 16385 soit 15873 colliers par pas de 2  
523 : {1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 202 kMax: 5 Suite 211516  
525 : {1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 202 kMax: 5 Suite 112516  
535 : {1,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 187 kMax: 6 Suite 311416  
541 : {1,0,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 185 kMax: 5 Suite 113416  
555 : {1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 179 kMax: 4 Suite 21111316  
559 : {1,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 175 kMax: 4 Suite 411316  
567 : {1,1,1,0,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 175 kMax: 4 Suite 312316  
573 : {1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 175 kMax: 5 Suite 114316  
599 : {1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 172 kMax: 4 Suite 31111216  
671 : {1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0} Indif: 172 kMax: 5 Suite 521116  
687 : {1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 171 kMax: 5 Suite 41111116  
699 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 167 kMax: 5 Suite 21311116  
1199 : {1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 166 kMax: 4 Suite 41111215  
1391 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0} Indif: 166 kMax: 4 Suite 41211115  
1403 : {1,1,0,1,1,1,1,0,1,0,1,0,0,0,0,0} Indif: 166 kMax: 4 Suite 21411115  
2743 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0} Indif: 165 kMax: 4 Suite 3121111114

Temps CPU: 50 secondes. Total: 51 secondes.

Collier de 16 perles. N°du 1er gagnant: 2743 Forme : 3121111114 Nbr de gagnants: 1

Indif= 165 Max Indif Couple= 4 Moyenne : 11/8

{3121111114}

Thu 14 Mar 2013 18:40:51

**NucléoCollier de Type 1 de 17 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 6

Calcul du collier 1025 au collier 32769 soit 31745 colliers par pas de 2  
1043 : {1,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 241 kMax: 5 Suite 221516  
1047 : {1,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 216 kMax: 5 Suite 311516  
1053 : {1,0,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 216 kMax: 5 Suite 113516  
1067 : {1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 212 kMax: 4 Suite 21111416  
1079 : {1,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 204 kMax: 4 Suite 312416  
1111 : {1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 197 kMax: 4 Suite 31111316  
1119 : {1,1,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 196 kMax: 5 Suite 511316  
1135 : {1,1,1,1,0,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 195 kMax: 4 Suite 412316  
1147 : {1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 194 kMax: 4 Suite 214316  
1199 : {1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 193 kMax: 4 Suite 41111216  
1371 : {1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 192 kMax: 5 Suite 2121111116  
1391 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 190 kMax: 5 Suite 41211116  
1403 : {1,1,0,1,1,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 190 kMax: 5 Suite 21411116  
2299 : {1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 190 kMax: 3 Suite 215315  
2391 : {1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 189 kMax: 4 Suite 3111111215  
2399 : {1,1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 188 kMax: 5 Suite 51111215  
2743 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0} Indif: 187 kMax: 4 Suite 3121111115

Temps CPU: 114 secondes. Total: 115 secondes.

Collier de 17 perles. N°du 1er gagnant: 2743 Forme : 3121111115 Nbr de gagnants: 1

Indif= 187 Max Indif Couple= 4 Moyenne : 11/8

{3121111115}

Thu 14 Mar 2013 18:32:21

**NucléoCollier de Type 1 de 18 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 6

Calcul du collier 2049 au collier 65537 soit 63489 colliers par pas de 2  
2059 : {1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 272 kMax: 6 Suite 211716  
2061 : {1,0,1,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 272 kMax: 6 Suite 112716  
2087 : {1,1,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 250 kMax: 5 Suite 321516  
2091 : {1,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 247 kMax: 5 Suite 21111516  
2095 : {1,1,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 239 kMax: 5 Suite 411516

2103 : {1,1,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 235 kMax: 5 Suite 312516  
2135 : {1,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 230 kMax: 4 Suite 31111416  
2159 : {1,1,1,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 224 kMax: 4 Suite 412416  
2171 : {1,1,0,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 224 kMax: 4 Suite 214416  
2223 : {1,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 219 kMax: 4 Suite 41111316  
2231 : {1,1,1,0,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 218 kMax: 4 Suite 31211316  
2263 : {1,1,1,0,1,0,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 218 kMax: 4 Suite 31112316  
2271 : {1,1,1,1,1,0,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 217 kMax: 5 Suite 512316  
2287 : {1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 217 kMax: 4 Suite 413316  
2295 : {1,1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 217 kMax: 4 Suite 314316  
2299 : {1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 215 kMax: 4 Suite 215316  
2743 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 213 kMax: 5 Suite 3121111116  
2783 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0} Indif: 213 kMax: 5 Suite 51211116  
4783 : {1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 211 kMax: 4 Suite 4111111215  
5487 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,0} Indif: 211 kMax: 4 Suite 4121111115  
5499 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0} Indif: 211 kMax: 4 Suite 2141111115  
Temps CPU: 255 secondes. Total: 256 secondes.

Collier de 18 perles. N°du 1er gagnant: 4783 Forme : 4111111215 Nbr de gagnants: 3  
Indif= 211 Max Indif Couple= 4 Moyenne : 211/153  
{4111111215,4121111115,2141111115}

Thu 14 Mar 2013 18:19:08

**NucléoCollier de Type 1 de 19 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 6

Calcul du collier 4099 au collier 131073 soit 126975 colliers par pas de 4

4107 : {1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 311 kMax: 6 Suite 211816  
4119 : {1,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 288 kMax: 6 Suite 311716  
4167 : {1,1,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 286 kMax: 6 Suite 331516  
4171 : {1,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 285 kMax: 5 Suite 21121516  
4175 : {1,1,1,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 272 kMax: 5 Suite 421516  
4183 : {1,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 265 kMax: 5 Suite 31111516  
4191 : {1,1,1,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 262 kMax: 5 Suite 511516  
4207 : {1,1,1,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 255 kMax: 5 Suite 412516  
4219 : {1,1,0,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 255 kMax: 5 Suite 214516  
4271 : {1,1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 253 kMax: 4 Suite 41111416  
4279 : {1,1,1,0,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 252 kMax: 4 Suite 31211416  
4311 : {1,1,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 249 kMax: 4 Suite 31112416  
4319 : {1,1,1,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 247 kMax: 5 Suite 512416  
4347 : {1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 246 kMax: 4 Suite 215416  
4447 : {1,1,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 243 kMax: 5 Suite 51111316  
4471 : {1,1,1,0,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 243 kMax: 4 Suite 31311316  
4575 : {1,1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 241 kMax: 5 Suite 513316  
4599 : {1,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0} Indif: 240 kMax: 4 Suite 315316  
5371 : {1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0} Indif: 240 kMax: 4 Suite 21521116  
5487 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 238 kMax: 5 Suite 4121111116  
5499 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 238 kMax: 5 Suite 2141111116  
9567 : {1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 236 kMax: 5 Suite 5111111215  
Temps CPU: 283 secondes. Total: 284 secondes.

Collier de 19 perles. N°du 1er gagnant: 9567 Forme : 5111111215 Nbr de gagnants: 1  
Indif= 236 Max Indif Couple= 5 Moyenne : 236/171  
{5111111215}

Sat 23 Mar 2013 18:55:58

**NucléoCollier de Type 1 V-22 mars de 19 Perles.** Recherche avec 2 à 5 séries de zéros à droite et kmax= 5

Calcul du collier 8193 au collier 131073 soit 122881 colliers par pas de 2

8205 : {1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 306 kMax: 5 Suite 112915  
8239 : {1,1,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 271 kMax: 5 Suite 411715  
8251 : {1,1,0,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 266 kMax: 5 Suite 213715  
8287 : {1,1,1,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 262 kMax: 5 Suite 511615  
8303 : {1,1,1,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 255 kMax: 5 Suite 412615  
8315 : {1,1,0,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 255 kMax: 5 Suite 214615

8511 : {1,1,1,1,1,1,0,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 253 kMax: 5 Suite 621415  
8543 : {1,1,1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 248 kMax: 5 Suite 51111415  
8623 : {1,1,1,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 248 kMax: 4 Suite 41112415  
8639 : {1,1,1,1,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 247 kMax: 5 Suite 612415  
8671 : {1,1,1,1,1,0,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 246 kMax: 5 Suite 513415  
8695 : {1,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 245 kMax: 4 Suite 315415  
8791 : {1,1,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 245 kMax: 4 Suite 3111121315  
8799 : {1,1,1,1,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 244 kMax: 5 Suite 51121315  
8831 : {1,1,1,1,1,1,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 244 kMax: 5 Suite 721315  
8879 : {1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 243 kMax: 5 Suite 4111111315  
8887 : {1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 240 kMax: 5 Suite 3121111315  
8891 : {1,1,0,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 240 kMax: 4 Suite 2131111315  
8927 : {1,1,1,1,1,0,1,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 240 kMax: 5 Suite 51211315  
9149 : {1,0,1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 240 kMax: 4 Suite 11413315  
9181 : {1,0,1,1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 239 kMax: 4 Suite 11314315  
9197 : {1,0,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 238 kMax: 4 Suite 11215315  
9567 : {1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 236 kMax: 5 Suite 5111111215

Temps CPU: 457 secondes. Total: 470 secondes.

Collier de 19 perles. N°du 1er gagnant: 9567 Forme : 5111111215 Nbr de gagnants: 1

Indif= 236 Max Indif Couple= 5 Moyenne : 236/171

{5111111215}

Wed 27 Mar 2013 18:55:17

**NucléoCollier de Type 1 V-22 mars de 20 Perles.** Recherche avec 2 à 7 séries de zéros à droite et kmax= 6

Calcul du collier 1 au collier 262145 soit 262145 colliers par pas de 2

263 : {1,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 366 kMax: 6 Suite 35111  
279 : {1,1,1,0,1,0,0,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 332 kMax: 6 Suite 3113111  
299 : {1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 329 kMax: 6 Suite 211112111  
303 : {1,1,1,1,0,1,0,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 319 kMax: 6 Suite 4112111  
311 : {1,1,1,0,1,1,0,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 317 kMax: 6 Suite 3122111  
335 : {1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 313 kMax: 6 Suite 4211111  
347 : {1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 310 kMax: 6 Suite 212111111  
351 : {1,1,1,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 310 kMax: 6 Suite 5111111  
359 : {1,1,1,0,0,1,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 310 kMax: 6 Suite 3221111  
367 : {1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 306 kMax: 6 Suite 4121111  
599 : {1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,0,0} Indif: 304 kMax: 6 Suite 311112110  
607 : {1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,0,0,0,0} Indif: 301 kMax: 6 Suite 5112110  
623 : {1,1,1,1,0,1,1,0,0,1,0,0,0,0,0,0,0,0,0} Indif: 299 kMax: 6 Suite 4122110  
671 : {1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,0,0} Indif: 295 kMax: 6 Suite 5211110  
699 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0} Indif: 290 kMax: 6 Suite 213111110  
735 : {1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0} Indif: 288 kMax: 6 Suite 5121110  
1005 : {1,0,1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0} Indif: 288 kMax: 6 Suite 1121510  
1199 : {1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 288 kMax: 5 Suite 41111219  
1211 : {1,1,0,1,1,1,0,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 288 kMax: 5 Suite 21311219  
1215 : {1,1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 288 kMax: 6 Suite 611219  
1239 : {1,1,1,0,1,0,1,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 287 kMax: 5 Suite 31112219  
1247 : {1,1,1,1,1,0,1,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 285 kMax: 5 Suite 512219  
1263 : {1,1,1,1,0,1,1,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 285 kMax: 6 Suite 413219  
1271 : {1,1,1,0,1,1,1,1,0,0,1,0,0,0,0,0,0,0,0} Indif: 284 kMax: 6 Suite 314219  
1335 : {1,1,1,0,1,1,0,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 284 kMax: 5 Suite 31221119  
1343 : {1,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 284 kMax: 6 Suite 621119  
1383 : {1,1,1,0,0,1,1,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 283 kMax: 5 Suite 32211119  
1391 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 278 kMax: 5 Suite 41211119  
1403 : {1,1,0,1,1,1,1,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 278 kMax: 5 Suite 21411119  
1527 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,0,0,0,0,0} Indif: 277 kMax: 5 Suite 315119  
2527 : {1,1,1,1,1,0,1,1,1,0,0,1,0,0,0,0,0,0,0} Indif: 277 kMax: 6 Suite 513218  
2551 : {1,1,1,0,1,1,1,1,1,0,0,1,0,0,0,0,0,0,0} Indif: 275 kMax: 6 Suite 315218  
2671 : {1,1,1,1,0,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 274 kMax: 5 Suite 41221118  
2683 : {1,1,0,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 274 kMax: 5 Suite 21421118  
2783 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 270 kMax: 5 Suite 51211118

4575 : {1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 270 kMax: 5 Suite 513317  
4599 : {1,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 269 kMax: 4 Suite 315317  
5343 : {1,1,1,1,1,0,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 268 kMax: 5 Suite 51221117  
5367 : {1,1,1,0,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 268 kMax: 4 Suite 31421117  
5371 : {1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 4 Suite 21521117  
5487 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 6 Suite 4121111117  
5499 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 6 Suite 2141111117  
5595 : {1,1,0,1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 5 Suite 2121311117  
5995 : {1,1,0,1,0,1,1,0,1,1,1,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 4 Suite 2111213117  
9197 : {1,0,1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 5 Suite 11215316  
9207 : {1,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 267 kMax: 4 Suite 316316  
9567 : {1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 267 kMax: 5 Suite 5111111216  
9595 : {1,1,0,1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 267 kMax: 4 Suite 2141111216  
9719 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 267 kMax: 4 Suite 31511216  
10743 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0} Indif: 266 kMax: 4 Suite 31521116  
10975 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 264 kMax: 5 Suite 5121111116  
19131 : {1,1,0,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 264 kMax: 5 Suite 213111111215  
19183 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 262 kMax: 4 Suite 4131111215  
Temps CPU: 1448 secondes. Total: 1478 secondes.  
Collier de 20 perles. N°du 1er gagnant: 19183 Forme : 4131111215 Nbr de gagnants: 1  
Indif= 262 Max Indif Couple= 4 Moyenne : 131/95  
{4131111215}

Wed 13 Mar 2013 14:50:28

**NucléoCollier de Type 1 de 21 Perles.** Recherche avec 2 à 7 séries de zéros à droite et kmax= 4

Calcul du collier 8193 au collier 524289 soit 516097 colliers par pas de 2

8531 : {1,1,0,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 336 kMax: 4 Suite 2211111417  
8539 : {1,1,0,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 317 kMax: 4 Suite 2121111417  
8571 : {1,1,0,1,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 313 kMax: 4 Suite 214111417  
8623 : {1,1,1,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 309 kMax: 4 Suite 41112417  
8683 : {1,1,0,1,0,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 309 kMax: 4 Suite 21114417  
8695 : {1,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 304 kMax: 4 Suite 315417  
8891 : {1,1,0,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 301 kMax: 4 Suite 2131111317  
8943 : {1,1,1,1,0,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 299 kMax: 4 Suite 413111317  
8951 : {1,1,1,0,1,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 299 kMax: 4 Suite 314111317  
9195 : {1,1,0,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 299 kMax: 4 Suite 21115317  
9207 : {1,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 297 kMax: 4 Suite 316317  
10743 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0} Indif: 294 kMax: 4 Suite 31521117  
11639 : {1,1,1,0,1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,0} Indif: 293 kMax: 4 Suite 3131112117  
19183 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 293 kMax: 4 Suite 4131111216  
35567 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0} Indif: 292 kMax: 4 Suite 4131111315  
36789 : {1,0,1,0,1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 292 kMax: 4 Suite 1111215315  
38267 : {1,1,0,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 289 kMax: 4 Suite 21411111215  
Temps CPU: 1504 secondes. Total: 1510 secondes.  
Collier de 21 perles. N°du 1er gagnant: 38267 Forme : 21411111215 Nbr de gagnants: 1  
Indif= 289 Max Indif Couple= 4 Moyenne : 289/210  
{21411111215}

Fri 22 Mar 2013 20:03:36

**NucléoCollier de Type 1 V-22 mars de 21 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 5

Calcul du collier 16385 au collier 524289 soit 507905 colliers par pas de 2

16677 : {1,0,1,0,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 371 kMax: 5 Suite 1112121516  
16679 : {1,1,1,0,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 343 kMax: 5 Suite 32121516  
16687 : {1,1,1,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 326 kMax: 5 Suite 41121516  
16719 : {1,1,1,1,0,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 326 kMax: 5 Suite 42111516  
16731 : {1,1,0,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 321 kMax: 5 Suite 2121111516  
16735 : {1,1,1,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 315 kMax: 5 Suite 51111516  
16759 : {1,1,1,0,1,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 313 kMax: 5 Suite 31311516  
16815 : {1,1,1,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 311 kMax: 5 Suite 41112516  
16863 : {1,1,1,1,1,0,1,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 307 kMax: 5 Suite 513516

16887 : {1,1,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 307 kMax: 5 Suite 315516  
17071 : {1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 307 kMax: 4 Suite 4111111416  
17083 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 306 kMax: 4 Suite 2131111416  
17111 : {1,1,1,0,1,0,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 306 kMax: 4 Suite 3111211416  
17119 : {1,1,1,1,1,0,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 304 kMax: 5 Suite 51211416  
17239 : {1,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 302 kMax: 4 Suite 3111112416  
17247 : {1,1,1,1,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 302 kMax: 5 Suite 51112416  
17387 : {1,1,0,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 301 kMax: 4 Suite 21115416  
17399 : {1,1,1,0,1,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 301 kMax: 4 Suite 316416  
17759 : {1,1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 300 kMax: 5 Suite 5111111316  
17775 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 295 kMax: 4 Suite 4121111316  
17911 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 294 kMax: 4 Suite 31511316  
19183 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 293 kMax: 4 Suite 4131111216  
21755 : {1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 293 kMax: 5 Suite 2152111116  
35551 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 291 kMax: 5 Suite 5121111315  
38267 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 289 kMax: 4 Suite 214111111215  
Temps CPU: 2622 secondes. Total: 2641 secondes.

Collier de 21 perles. N°du 1er gagnant: 38267 Forme : 214111111215 Nbr de gagnants: 1  
Indif= 289 Max Indif Couple= 4 Moyenne : 289/210  
{214111111215}

Wed 13 Mar 2013 19:17:36

**NucléoCollier de Type 1 de 22 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 5

Calcul du collier 32769 au collier 1048577 soit 1015809 colliers par pas de 2

33357 : {1,0,1,1,0,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 392 kMax: 5 Suite 1122121516  
33359 : {1,1,1,1,0,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 368 kMax: 5 Suite 42121516  
33367 : {1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 355 kMax: 5 Suite 3111121516  
33375 : {1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 352 kMax: 5 Suite 51121516  
33439 : {1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 351 kMax: 5 Suite 52111516  
33455 : {1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 346 kMax: 5 Suite 4111111516  
33467 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 344 kMax: 5 Suite 2131111516  
33495 : {1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 342 kMax: 5 Suite 3111211516  
33503 : {1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 339 kMax: 5 Suite 51211516  
33623 : {1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 339 kMax: 5 Suite 3111112516  
33631 : {1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 337 kMax: 5 Suite 51112516  
33771 : {1,1,0,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 337 kMax: 5 Suite 21115516  
33783 : {1,1,1,0,1,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 336 kMax: 5 Suite 316516  
34143 : {1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 335 kMax: 5 Suite 5111111416  
34159 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 332 kMax: 4 Suite 4121111416  
34295 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 332 kMax: 5 Suite 31511416  
34519 : {1,1,1,0,1,0,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 332 kMax: 4 Suite 3111212416  
34543 : {1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 331 kMax: 4 Suite 41312416  
34685 : {1,0,1,1,1,1,1,0,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 331 kMax: 5 Suite 11513416  
34747 : {1,1,0,1,1,1,0,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 331 kMax: 4 Suite 21314416  
34795 : {1,1,0,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 329 kMax: 4 Suite 21116416  
35511 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 327 kMax: 5 Suite 31211111316  
35551 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 322 kMax: 5 Suite 5121111316  
38267 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0} Indif: 322 kMax: 4 Suite 214111111216  
43995 : {1,1,0,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0} Indif: 322 kMax: 5 Suite 212141111116  
71135 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 322 kMax: 5 Suite 5131111315  
76511 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 321 kMax: 5 Suite 51211111215  
76527 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 320 kMax: 5 Suite 41311111215  
76535 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 319 kMax: 4 Suite 314111111215  
76539 : {1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 319 kMax: 4 Suite 215111111215  
Temps CPU: 5012 secondes. Total: 5023 secondes.

Collier de 22 perles. N°du 1er gagnant: 76535 Forme : 314111111215 Nbr de gagnants: 2  
Indif= 319 Max Indif Couple= 4 Moyenne : 29/21  
{314111111215,215111111215}

Fri 22 Feb 2013 12:42:57



**NucléoCollier Type I de 23 Perles.** Recherche avec Zéros de 5 à 8 et kmax= 5 **(par pas de 4)**

16687 : 11110100100000100000000 Indif: 406 kMax: 5 Suite 41121518  
16719 : 11110010100000100000000 Indif: 403 kMax: 5 Suite 42111518  
16731 : 11011010100000100000000 Indif: 398 kMax: 5 Suite 212111518  
16735 : 11111010100000100000000 Indif: 392 kMax: 5 Suite 51111518  
16763 : 11011110100000100000000 Indif: 391 kMax: 5 Suite 21411518  
16815 : 11110101100000100000000 Indif: 386 kMax: 5 Suite 41112518  
16863 : 11111011100000100000000 Indif: 380 kMax: 5 Suite 513518  
16887 : 11101111100000100000000 Indif: 380 kMax: 5 Suite 315518  
17083 : 11011101010000100000000 Indif: 379 kMax: 5 Suite 213111418  
17111 : 11101011010000100000000 Indif: 379 kMax: 5 Suite 311121418  
17119 : 11111011010000100000000 Indif: 375 kMax: 5 Suite 51211418  
17239 : 11101010110000100000000 Indif: 375 kMax: 5 Suite 311112418  
17247 : 11111010110000100000000 Indif: 373 kMax: 5 Suite 51112418  
17387 : 11010111110000100000000 Indif: 372 kMax: 5 Suite 21115418  
17399 : 11101111110000100000000 Indif: 370 kMax: 5 Suite 316418  
17775 : 11110110101000100000000 Indif: 368 kMax: 5 Suite 412111318  
17887 : 11111011101000100000000 Indif: 368 kMax: 5 Suite 51311318  
17911 : 11101111101000100000000 Indif: 365 kMax: 5 Suite 31511318  
19167 : 11111011010100100000000 Indif: 365 kMax: 5 Suite 5121111218  
19183 : 11110111010100100000000 Indif: 361 kMax: 5 Suite 4131111218  
21343 : 11111010110010100000000 Indif: 361 kMax: 5 Suite 5111221118  
21487 : 11110111110010100000000 Indif: 361 kMax: 5 Suite 41521118  
21495 : 11101111110010100000000 Indif: 358 kMax: 5 Suite 31621118  
22255 : 11110111011010100000000 Indif: 357 kMax: 5 Suite 4131211118  
35551 : 11111011010100100000000 Indif: 356 kMax: 5 Suite 5121111317  
38267 : 11011110101010010000000 Indif: 356 kMax: 5 Suite 21411111217  
38367 : 11111011101010010000000 Indif: 356 kMax: 5 Suite 5131111217  
44503 : 11101011101101010000000 Indif: 355 kMax: 5 Suite 311131211117  
44511 : 11111011101101010000000 Indif: 354 kMax: 5 Suite 5131211117  
44759 : 11101011011101010000000 Indif: 354 kMax: 5 Suite 311121311117  
46455 : 11101110101011010000000 Indif: 354 kMax: 4 Suite 31311112117  
71135 : 11111011101010001000000 Indif: 354 kMax: 5 Suite 5131111316  
76527 : 11110111010101001000000 Indif: 354 kMax: 5 Suite 41311111216  
76535 : 11101111010101001000000 Indif: 353 kMax: 4 Suite 31411111216  
76539 : 11011111010101001000000 Indif: 353 kMax: 4 Suite 21511111216  
142047 : 11111011010101000100000 Indif: 352 kMax: 5 Suite 512111111315  
152955 : 11011110101010100100000 Indif: 351 kMax: 4 Suite 2141111111215  
153079 : 11101111101010100100000 Indif: 351 kMax: 4 Suite 315111111215 **idem du 147157 voir ci dessous**

Temps CPU: 550 secondes. Total: 9 min.

Collier de 23 perles. N°gagnant: 152955 = 11011110101010100100000

Nbr de gagnants: 2

152955-153079 Indif= 351 Max Indif Couple= 4 Moyenne : 351/253

Sat 23 Mar 2013 19:45:43

**NucléoCollier de Type 1 V-22 mars de 23 Perles.** Recherche avec 4 à 5 séries de zéros à droite et kmax= 5

Calcul du collier 131073 au collier 524289 soit 393217 colliers par **pas de 2**

131275 : {1,1,0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 423 kMax: 5 Suite 21122915  
131279 : {1,1,1,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 412 kMax: 5 Suite 422915  
131293 : {1,0,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 405 kMax: 5 Suite 11312915  
131295 : {1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 392 kMax: 5 Suite 512915  
131323 : {1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 392 kMax: 5 Suite 215915  
131503 : {1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 386 kMax: 5 Suite 41112815  
131519 : {1,1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 381 kMax: 5 Suite 612815  
131551 : {1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 380 kMax: 5 Suite 513815  
131575 : {1,1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 380 kMax: 5 Suite 315815  
131799 : {1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 380 kMax: 5 Suite 3111211715  
131807 : {1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 376 kMax: 5 Suite 51211715  
131823 : {1,1,1,1,0,1,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 376 kMax: 5 Suite 41311715  
131831 : {1,1,1,0,1,1,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 376 kMax: 5 Suite 31411715

131935 : {1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 373 kMax: 5 Suite 51112715  
131967 : {1,1,1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 373 kMax: 5 Suite 712715  
132031 : {1,1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 371 kMax: 5 Suite 613715  
132599 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 368 kMax: 5 Suite 31511615  
132799 : {1,1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 366 kMax: 5 Suite 61112615  
132847 : {1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 366 kMax: 5 Suite 41312615  
133051 : {1,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 366 kMax: 5 Suite 21314615  
135871 : {1,1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 366 kMax: 5 Suite 6111121415  
135919 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 366 kMax: 5 Suite 4131121415  
135927 : {1,1,1,0,1,1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 366 kMax: 5 Suite 3141121415  
136127 : {1,1,1,1,1,1,0,1,1,1,0,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 364 kMax: 5 Suite 61321415  
136183 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 362 kMax: 5 Suite 31621415  
136559 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 358 kMax: 4 Suite 412111111415  
137919 : {1,1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 358 kMax: 5 Suite 6111112415  
138071 : {1,1,1,0,1,0,1,0,1,0,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 358 kMax: 4 Suite 311111212415  
139179 : {1,1,0,1,0,1,0,1,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 357 kMax: 5 Suite 2111116415  
140639 : {1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 355 kMax: 5 Suite 511111121315  
140671 : {1,1,1,1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 354 kMax: 5 Suite 7111121315  
140791 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 354 kMax: 4 Suite 3151121315  
142047 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 352 kMax: 5 Suite 512111111315  
147157 : {1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 351 kMax: 4 Suite 111111215315  
152955 : {1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 351 kMax: 4 Suite 2141111111215  
Temps CPU: 2014 secondes. Total: 2073 secondes.

Collier de 23 perles. N°du 1er gagnant: 147157 Forme : 11111215315 Nbr de gagnants: 2  
Indif= 351 Max Indif Couple= 4 Moyenne : 351/253  
{11111215315,2141111111215}

Wed 13 Mar 2013 21:23:06

**NucléoCollier de Type 1 de 24 Perles.** Recherche avec 2 à 5 séries de zéros à droite et kmax= 4  
Calcul du collier 262147 au collier 4194305 soit 3932159 colliers par pas de 4

272795 : {1,1,0,1,1,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 448 kMax: 4 Suite 212222111415  
272815 : {1,1,1,1,0,1,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 405 kMax: 4 Suite 411122111415  
272887 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 397 kMax: 4 Suite 3152111415  
273079 : {1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 395 kMax: 4 Suite 3121111111415  
273143 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 314111111415  
274103 : {1,1,1,0,1,1,0,1,0,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 312111311415  
274135 : {1,1,1,0,1,0,1,1,0,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 311121311415  
275831 : {1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 390 kMax: 4 Suite 31311112415  
281327 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 385 kMax: 4 Suite 413111121315  
: {1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 385 kMax: 4 Suite 413121111315  
305911 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 385 kMax: 4 Suite 3141111111215  
305915 : {1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 384 kMax: 4 Suite 2151111111215  
Temps CPU: 6216 secondes. Total: 6238 secondes.

Collier de 24 perles. N°du 1er gagnant: 305915 Forme : 2151111111215 Nbr de gagnants: 1  
Indif= 384 Max Indif Couple= 4 Moyenne : 32/23  
{2151111111215}

Wed 13 Mar 2013 16:39:20

**NucléoCollier de Type 1 de 24 Perles.** Recherche avec 3 à 5 séries de zéros à droite et kmax= 4  
Calcul du collier 262145 au collier 2097153 soit 1835009 colliers par pas de 2

272795 : {1,1,0,1,1,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 448 kMax: 4 Suite 212222111415  
272797 : {1,0,1,1,1,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 435 kMax: 4 Suite 113222111415  
272813 : {1,0,1,1,0,1,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 423 kMax: 4 Suite 11211122111415  
272815 : {1,1,1,1,0,1,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 405 kMax: 4 Suite 411122111415  
272887 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 397 kMax: 4 Suite 3152111415  
273079 : {1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 395 kMax: 4 Suite 3121111111415  
273143 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 314111111415  
274103 : {1,1,1,0,1,1,0,1,0,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 312111311415  
274135 : {1,1,1,0,1,0,1,1,0,1,1,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 391 kMax: 4 Suite 311121311415  
275831 : {1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 390 kMax: 4 Suite 31311112415

277213 : {1,0,1,1,1,0,1,1,0,1,0,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 390 kMax: 4 Suite 113121113415  
277341 : {1,0,1,1,1,0,1,0,1,1,0,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 390 kMax: 4 Suite 113111213415  
278229 : {1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 388 kMax: 4 Suite 111111215415  
281327 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 385 kMax: 4 Suite 413111121315  
284399 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 385 kMax: 4 Suite 413121111315  
305911 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 385 kMax: 4 Suite 3141111111215  
305915 : {1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0} Indif: 384 kMax: 4 Suite 21511111111215  
Temps CPU: 5934 secondes. Total: 5945 secondes.  
Collier de 24 perles. N°du 1er gagnant: 305915 Forme : 21511111111215 Nbr de gagnants: 1  
Indif= 384 Max Indif Couple= 4 Moyenne : 32/23  
{21511111111215}

Fri 22 Feb 2013 22:52:42

**NucléoCollier Type I de 25 Perles.** Recherche avec Zéros de 5 à 6 et kmax= 5

266787 : 1100010001001000001000000 Indif: 532 kMax: 5 Suite 2313121516  
266795 : 1101010001001000001000000 Indif: 490 kMax: 5 Suite 211113121516  
266799 : 1111010001001000001000000 Indif: 473 kMax: 5 Suite 4113121516  
266839 : 1110101001001000001000000 Indif: 467 kMax: 5 Suite 311112121516  
266847 : 1111101001001000001000000 Indif: 463 kMax: 5 Suite 5112121516  
266911 : 1111100101001000001000000 Indif: 456 kMax: 5 Suite 5211121516  
266927 : 1111010101001000001000000 Indif: 446 kMax: 5 Suite 411111121516  
266991 : 1111011101001000001000000 Indif: 443 kMax: 5 Suite 4131121516  
266999 : 1110111101001000001000000 Indif: 443 kMax: 5 Suite 3141121516  
267231 : 1111101111001000001000000 Indif: 442 kMax: 5 Suite 51421516  
267247 : 1111011111001000001000000 Indif: 441 kMax: 5 Suite 41521516  
267255 : 1110111111001000001000000 Indif: 437 kMax: 5 Suite 31621516  
267631 : 1111011010101000001000000 Indif: 435 kMax: 5 Suite 412111111516  
267743 : 1111101110101000001000000 Indif: 434 kMax: 5 Suite 5131111516  
268023 : 1110111101101000001000000 Indif: 434 kMax: 5 Suite 3141211516  
268983 : 1110110101011000001000000 Indif: 434 kMax: 5 Suite 312111112516  
268987 : 1101110101011000001000000 Indif: 434 kMax: 5 Suite 213111112516  
269023 : 1111101101011000001000000 Indif: 432 kMax: 5 Suite 5121112516  
269143 : 1110101011011000001000000 Indif: 432 kMax: 5 Suite 311111212516  
269231 : 1111010111011000001000000 Indif: 430 kMax: 5 Suite 4111312516  
270011 : 1101110101111000001000000 Indif: 430 kMax: 5 Suite 2131114516  
273119 : 1111101101010100001000000 Indif: 424 kMax: 5 Suite 512111111416  
278251 : 1101011101111100001000000 Indif: 424 kMax: 5 Suite 2111315416  
281327 : 1111011101010010001000000 Indif: 424 kMax: 5 Suite 413111121316  
283615 : 1111101111001010001000000 Indif: 424 kMax: 5 Suite 5142111316  
283631 : 1111011111001010001000000 Indif: 423 kMax: 4 Suite 4152111316  
283639 : 1110111111001010001000000 Indif: 420 kMax: 4 Suite 3162111316  
284399 : 1111011101101010001000000 Indif: 419 kMax: 4 Suite 413121111316  
562655 : 1111101110101001000100000 Indif: 418 kMax: 5 Suite 513111121315  
568799 : 1111101110110101000100000 Indif: 418 kMax: 5 Suite 513121111315  
Temps CPU: 1999 secondes. Total: 34 min.

**Collier de 25 perles. N°gagnant: 562655 = 1111101110101001000100000**

**Nbr de gagnants: 2-1**

**562655-568799 Indif= 418 Max Indif Couple= 5 Moyenne : 209/150**

Sat 23 Feb 2013 03:37:48

**NucléoCollier Type I de 26 Perles.** Recherche avec Zéros de 5 à 7 et kmax= 5

266791 : 1110010001001000001000000 Indif: 543 kMax: 5 Suite 3213121517  
266795 : 1101010001001000001000000 Indif: 535 kMax: 5 Suite 211113121517  
266799 : 1111010001001000001000000 Indif: 517 kMax: 5 Suite 4113121517  
266839 : 1110101001001000001000000 Indif: 512 kMax: 5 Suite 311112121517  
266847 : 1111101001001000001000000 Indif: 507 kMax: 5 Suite 5112121517  
266871 : 1110111001001000001000000 Indif: 507 kMax: 5 Suite 3132121517  
266875 : 1101111001001000001000000 Indif: 507 kMax: 5 Suite 2142121517  
266911 : 1111100101001000001000000 Indif: 499 kMax: 5 Suite 5211121517  
266927 : 1111010101001000001000000 Indif: 490 kMax: 5 Suite 411111121517

~~266991 : 11110111010010000010000000 Indif: 485 kMax: 5 Suite 4131121517~~  
~~266999 : 11101111010010000010000000 Indif: 485 kMax: 5 Suite 3141121517~~  
~~267231 : 11111011110010000010000000 Indif: 483 kMax: 5 Suite 51421517~~  
~~267247 : 11110111110010000010000000 Indif: 482 kMax: 5 Suite 41521517~~  
~~267255 : 11101111110010000010000000 Indif: 478 kMax: 5 Suite 31621517~~  
~~267631 : 11110110101010000010000000 Indif: 476 kMax: 5 Suite 41211111517~~  
~~267743 : 11111011101010000010000000 Indif: 474 kMax: 5 Suite 5131111517~~  
~~268023 : 11101111011010000010000000 Indif: 473 kMax: 5 Suite 3141211517~~  
~~269023 : 11111011010110000010000000 Indif: 471 kMax: 5 Suite 5121112517~~  
~~269231 : 11110101110110000010000000 Indif: 469 kMax: 5 Suite 4111312517~~  
~~270011 : 11011101011110000010000000 Indif: 469 kMax: 5 Suite 2131114517~~  
~~273119 : 11111011010101000010000000 Indif: 463 kMax: 5 Suite 51211111417~~  
~~275831 : 11101110101011000010000000 Indif: 463 kMax: 4 Suite 313111112417~~  
~~275935 : 11111011101011000010000000 Indif: 462 kMax: 5 Suite 5131112417~~  
~~275959 : 11101111101011000010000000 Indif: 462 kMax: 4 Suite 3151112417~~  
~~278199 : 11101101011111000010000000 Indif: 462 kMax: 4 Suite 3121115417~~  
~~278203 : 11011101011111000010000000 Indif: 462 kMax: 4 Suite 2131115417~~  
~~278251 : 11010111011111000010000000 Indif: 461 kMax: 5 Suite 2111315417~~  
~~283615 : 11111011110010100010000000 Indif: 461 kMax: 5 Suite 5142111317~~  
~~283631 : 11110111110010100010000000 Indif: 460 kMax: 4 Suite 4152111317~~  
~~283639 : 11101111110010100010000000 Indif: 457 kMax: 4 Suite 3162111317~~  
~~284399 : 11110111011010100010000000 Indif: 456 kMax: 4 Suite 413121111317~~  
~~294635 : 11010111011111100010000000 Indif: 456 kMax: 4 Suite 2111316317~~  
~~371191 : 11101111100101011010000000 Indif: 456 kMax: 4 Suite 315211112117~~  
~~384811 : 11010100111110111010000000 Indif: 456 kMax: 4 Suite 211112513117~~  
~~392363 : 11010101001111111010000000 Indif: 455 kMax: 4 Suite 211111127117~~  
~~568799 : 11111011101101010001000000 Indif: 453 kMax: 5 Suite 513121111316~~  
~~1125311 : 11111011101010010001000000 Indif: 453 kMax: 5 Suite 613111121315~~

Temps CPU: 4909 secondes. Total: 82 min.

Collier de 26 perles. N°gagnant: 568799 = 11111011101101010001000000

Nbr de gagnants: 2-1

568799-1125311 Indif= 453 Max Indif Couple= 5 Moyenne : 453/325

Thu 14 Mar 2013 19:02:01

**NucléoCollier de Type 1 de 26 Perles.** Recherche avec 2 à 6 séries de zéros à droite et kmax= 6

Calcul du collier 524291 au collier 16777217 soit 16252927 colliers par pas de 4

~~524491 : {1,1,0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 582 kMax: 6 Suite 211221116~~  
~~524495 : {1,1,1,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 567 kMax: 6 Suite 4221116~~  
~~524511 : {1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 547 kMax: 6 Suite 5121116~~  
~~524539 : {1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 547 kMax: 6 Suite 2151116~~  
~~524703 : {1,1,1,1,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 539 kMax: 6 Suite 5221016~~  
~~524719 : {1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 533 kMax: 6 Suite 411121016~~  
~~524735 : {1,1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 526 kMax: 6 Suite 6121016~~  
~~524767 : {1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 525 kMax: 6 Suite 5131016~~  
~~524791 : {1,1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 525 kMax: 6 Suite 3151016~~  
~~524987 : {1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 524 kMax: 6 Suite 2131111916~~  
~~525015 : {1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 521 kMax: 6 Suite 3111211916~~  
~~525023 : {1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 514 kMax: 6 Suite 51211916~~  
~~525151 : {1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 510 kMax: 6 Suite 51112916~~  
~~525167 : {1,1,1,1,0,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 509 kMax: 6 Suite 41212916~~  
~~525183 : {1,1,1,1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 508 kMax: 6 Suite 712916~~  
~~525247 : {1,1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 507 kMax: 6 Suite 613916~~  
~~525303 : {1,1,1,0,1,1,1,1,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 507 kMax: 6 Suite 316916~~  
~~525679 : {1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 505 kMax: 6 Suite 4121111816~~  
~~525759 : {1,1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 502 kMax: 6 Suite 61211816~~  
~~525815 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 498 kMax: 6 Suite 31511816~~  
~~526007 : {1,1,1,0,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 498 kMax: 6 Suite 3121112816~~  
~~526015 : {1,1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 495 kMax: 6 Suite 61112816~~  
~~526063 : {1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 491 kMax: 6 Suite 41312816~~  
~~526267 : {1,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 491 kMax: 6 Suite 21314816~~

527071 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 489 kMax: 6 Suite 5121111716  
527223 : {1,1,1,0,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 489 kMax: 6 Suite 3131211716  
527295 : {1,1,1,1,1,1,0,1,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 489 kMax: 6 Suite 613111716  
527351 : {1,1,1,0,1,1,1,1,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 487 kMax: 6 Suite 316111716  
527711 : {1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 485 kMax: 6 Suite 5111112716  
527735 : {1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 483 kMax: 6 Suite 3131112716  
527743 : {1,1,1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 483 kMax: 6 Suite 71112716  
527839 : {1,1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 480 kMax: 6 Suite 51312716  
528315 : {1,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 480 kMax: 6 Suite 21315716  
533439 : {1,1,1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 480 kMax: 6 Suite 61331516  
533495 : {1,1,1,0,1,1,1,1,1,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 478 kMax: 6 Suite 31631516  
533855 : {1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 478 kMax: 5 Suite 51111121516  
533887 : {1,1,1,1,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 477 kMax: 6 Suite 7111121516  
533983 : {1,1,1,1,1,0,1,1,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 476 kMax: 5 Suite 5131121516  
534007 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 474 kMax: 5 Suite 3151121516  
534519 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 472 kMax: 5 Suite 31721516  
535263 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 51211111516  
535927 : {1,1,1,0,1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 313111211516  
536031 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 5131211516  
536055 : {1,1,1,0,1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 3151211516  
536247 : {1,1,1,0,1,1,0,1,0,1,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 312111311516  
536279 : {1,1,1,0,1,0,1,1,0,1,1,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 467 kMax: 5 Suite 311121311516  
537975 : {1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 466 kMax: 5 Suite 31311112516  
538079 : {1,1,1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 464 kMax: 5 Suite 5131112516  
540395 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 464 kMax: 5 Suite 2111315516  
546159 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 464 kMax: 4 Suite 4121111111416  
546239 : {1,1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 462 kMax: 6 Suite 61211111416  
546295 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 462 kMax: 4 Suite 31511111416  
546543 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 460 kMax: 4 Suite 41312111416  
551647 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 460 kMax: 5 Suite 51211112416  
551663 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 459 kMax: 4 Suite 41311112416  
555947 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 459 kMax: 4 Suite 211111314416  
556459 : {1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 459 kMax: 5 Suite 211111215416  
556779 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 458 kMax: 4 Suite 2111316416  
562655 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 458 kMax: 5 Suite 513111121316  
566775 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0,0,0,0} Indif: 457 kMax: 4 Suite 31511211316  
567287 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 456 kMax: 4 Suite 317211316  
568791 : {1,1,1,0,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 456 kMax: 5 Suite 3111312111316  
568799 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 453 kMax: 5 Suite 513121111316

Aborted

Temps CPU: 5477 secondes. Total: 5498 secondes.

Collier de 26 perles. N°du 1er gagnant: 568799 Forme : 51312111316 Nbr de gagnants: 1

Indif= 453 Max Indif Couple= 5 Moyenne : 453/325

{51312111316}

Thu 14 Mar 2013 20:36:25

**NucléoCollier de Type 1 de 26 Perles.** Recherche avec 3 à 3 séries de zéros à droite et kmax= 4

Calcul du collier 4194307 au collier 8388609 soit 4194303 colliers par pas de 4

4214303

4219999 : {1,1,1,1,1,0,1,0,0,0,1,0,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 488 kMax: 4 Suite 5113122713  
4220095 : {1,1,1,1,1,1,0,1,0,0,1,0,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 473 kMax: 4 Suite 6112122713  
4220255 : {1,1,1,1,1,0,1,0,1,0,1,0,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 462 kMax: 4 Suite 51111122713  
4221407 : {1,1,1,1,1,0,1,1,1,0,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 462 kMax: 4 Suite 5132112713  
4221679 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 460 kMax: 4 Suite 413111112713  
4221887 : {1,1,1,1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 456 kMax: 4 Suite 6131112713  
4249055 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0} Indif: 456 kMax: 4 Suite 513111112613  
4254431 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 456 kMax: 4 Suite 512111113613  
4255071 : {1,1,1,1,1,0,1,0,1,0,1,1,0,1,1,1,0,0,0,0,0,0,1,0,0,0} Indif: 456 kMax: 4 Suite 511111213613  
4282095 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0} Indif: 455 kMax: 4 Suite 4131211111513  
4369887 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0} Indif: 454 kMax: 4 Suite 5131211111413

7514303

\$Aborted

Temps CPU: 5961 secondes. Total: 5981 secondes.

Collier de 26 perles. N°du 1er gagnant: 4369887 Forme : 51312111111413 Nbr de gagnants: 1

Indif= 454 Max Indif Couple= 4 Moyenne : 454/325

{51312111111413}

Sun 24 Feb 2013 19:42:49

**NucléoCollier de 27 Perles.** Recherche avec Zéros de 5 à 6 et kmax= 5

Calcul du collier 1048579 au collier 4194305 soit 3145726 colliers par pas de 4

- 1067143 : ~~111000010001001000001000000 Indif: 591 kMax: 5 Suite 3413121516~~
- 1067151 : ~~111100010001001000001000000 Indif: 573 kMax: 5 Suite 4313121516~~
- 1067179 : ~~110101010001001000001000000 Indif: 561 kMax: 5 Suite 21111113121516~~
- 1067183 : ~~111101010001001000001000000 Indif: 542 kMax: 5 Suite 411113121516~~
- 1067351 : ~~111010101001001000001000000 Indif: 536 kMax: 5 Suite 31111112121516~~
- 1067359 : ~~111110101001001000001000000 Indif: 529 kMax: 5 Suite 511112121516~~
- 1067487 : ~~111110111001001000001000000 Indif: 522 kMax: 5 Suite 5132121516~~
- 1067511 : ~~111011111001001000001000000 Indif: 520 kMax: 5 Suite 3152121516~~
- 1067695 : ~~111101010101001000001000000 Indif: 520 kMax: 5 Suite 4111111121516~~
- 1067703 : ~~111011010101001000001000000 Indif: 519 kMax: 5 Suite 3121111121516~~
- 1067707 : ~~110111010101001000001000000 Indif: 519 kMax: 5 Suite 2131111121516~~
- 1067743 : ~~111110110101001000001000000 Indif: 514 kMax: 5 Suite 512111121516~~
- 1067759 : ~~111101110101001000001000000 Indif: 510 kMax: 5 Suite 413111121516~~
- 1068023 : ~~111011111101001000001000000 Indif: 510 kMax: 5 Suite 3161121516~~
- 1069015 : ~~111010111111001000001000000 Indif: 510 kMax: 5 Suite 3111621516~~
- 1069035 : ~~110101111111001000001000000 Indif: 510 kMax: 5 Suite 2111721516~~
- 1070071 : ~~111011111100101000001000000 Indif: 508 kMax: 5 Suite 3162111516~~
- 1070559 : ~~111110111010101000001000000 Indif: 507 kMax: 5 Suite 513111111516~~
- 1070583 : ~~111011111010101000001000000 Indif: 506 kMax: 5 Suite 315111111516~~
- 1070831 : ~~111101110110101000001000000 Indif: 503 kMax: 5 Suite 413121111516~~
- 1075935 : ~~111110110101011000001000000 Indif: 501 kMax: 5 Suite 512111112516~~
- 1075951 : ~~111101110101011000001000000 Indif: 500 kMax: 5 Suite 413111112516~~
- 1080235 : ~~110101011101111000001000000 Indif: 500 kMax: 5 Suite 21111314516~~
- 1081067 : ~~110101110111111000001000000 Indif: 499 kMax: 5 Suite 2111316516~~
- 1092319 : ~~111110110101010100001000000 Indif: 498 kMax: 5 Suite 5121111111416~~
- 1092571 : ~~110110111101010100001000000 Indif: 498 kMax: 4 Suite 2121411111416~~
- 1093079 : ~~111010111011010100001000000 Indif: 498 kMax: 5 Suite 3111312111416~~
- 1093087 : ~~111110111011010100001000000 Indif: 495 kMax: 5 Suite 513121111416~~
- 1103327 : ~~111110111010101100001000000 Indif: 494 kMax: 5 Suite 513111112416~~
- 1103351 : ~~111011111010101100001000000 Indif: 494 kMax: 4 Suite 315111112416~~
- 1112759 : ~~111011010101111100001000000 Indif: 494 kMax: 4 Suite 312111115416~~
- 1112919 : ~~111010101101111100001000000 Indif: 494 kMax: 4 Suite 311111215416~~
- 1113003 : ~~110101011101111100001000000 Indif: 493 kMax: 4 Suite 211111315416~~
- 1135599 : ~~111101111100101010001000000 Indif: 493 kMax: 4 Suite 415211111316~~
- 1135607 : ~~111011111100101010001000000 Indif: 493 kMax: 4 Suite 316211111316~~
- 1136367 : ~~111101110110101010001000000 Indif: 492 kMax: 5 Suite 4131211111316~~
- 1402359 : ~~111011111010011010101000000 Indif: 492 kMax: 5 Suite 31511221111116~~
- 1403383 : ~~111011111001011010101000000 Indif: 492 kMax: 5 Suite 31521121111116~~
- 1485303 : ~~111011111001010101101000000 Indif: 491 kMax: 4 Suite 31521111112116~~
- 2250207 : ~~111110111010101001000100000 Indif: 491 kMax: 5 Suite 51311111121315~~
- 2250231 : 111011111010101001000100000 Indif: 490 kMax: 4 Suite 31511111121315

Temps CPU: 8834 secondes. Total: 149 min.

Collier de 27 perles. N°gagnant: 2250231 = 111011111010101001000100000 Nbr de gagnants: 1 2250231 Indif= 490 Max Indif Couple= 4 Moyenne : 490/351

Wed 27 Mar 2013 19:42:49

**NucléoCollier de Type 1 V-22 mars de 27 Perles.** Recherche avec 3 à 5 séries de zéros à droite et kmax= 6

Calcul du collier 2097153 au collier 16777217 soit 14680065 colliers par pas de 2

2097931 : {1,1,0,1,0,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0} Indif: 639 kMax: 6 Suite 211421115

2097941 : {1,0,1,0,1,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0} Indif: 632 kMax: 6 Suite 11111321115

2097943 : {1,1,1,0,1,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 604 kMax: 6 Suite 311321115  
2097949 : {1,0,1,1,1,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 603 kMax: 6 Suite 113321115  
2097951 : {1,1,1,1,1,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 596 kMax: 6 Suite 5321115  
2097963 : {1,1,0,1,0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 592 kMax: 6 Suite 21111221115  
2097967 : {1,1,1,1,0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 581 kMax: 6 Suite 411221115  
2097983 : {1,1,1,1,1,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 573 kMax: 6 Suite 6221115  
2098015 : {1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 566 kMax: 6 Suite 511121115  
2098031 : {1,1,1,1,0,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 564 kMax: 6 Suite 412121115  
2098047 : {1,1,1,1,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 562 kMax: 6 Suite 7121115  
2098111 : {1,1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 560 kMax: 6 Suite 6131115  
2098783 : {1,1,1,1,1,0,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 556 kMax: 6 Suite 511221015  
2098815 : {1,1,1,1,1,1,1,0,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 550 kMax: 6 Suite 7221015  
2098871 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 547 kMax: 6 Suite 31211121015  
2098875 : {1,1,0,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 547 kMax: 6 Suite 21311121015  
2098879 : {1,1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 543 kMax: 6 Suite 611121015  
2098927 : {1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 539 kMax: 6 Suite 413121015  
2099131 : {1,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 539 kMax: 6 Suite 213141015  
2099935 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 534 kMax: 6 Suite 5121111915  
2100087 : {1,1,1,0,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 533 kMax: 6 Suite 3131211915  
2100159 : {1,1,1,1,1,1,0,1,1,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 531 kMax: 6 Suite 61311915  
2100215 : {1,1,1,0,1,1,1,1,1,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 530 kMax: 6 Suite 31611915  
2100575 : {1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 529 kMax: 5 Suite 5111112915  
2100599 : {1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 526 kMax: 5 Suite 3131112915  
2100607 : {1,1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 525 kMax: 5 Suite 71112915  
2100703 : {1,1,1,1,1,0,1,1,1,0,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 522 kMax: 5 Suite 51312915  
2101179 : {1,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 522 kMax: 5 Suite 21315915  
2102751 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 522 kMax: 6 Suite 5131111815  
2103031 : {1,1,1,0,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 519 kMax: 6 Suite 3141211815  
2103991 : {1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 519 kMax: 5 Suite 31211112815  
2103995 : {1,1,0,1,1,1,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 519 kMax: 5 Suite 21311112815  
2103999 : {1,1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 516 kMax: 5 Suite 6111112815  
2104031 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 515 kMax: 5 Suite 5121112815  
2104239 : {1,1,1,1,0,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 513 kMax: 5 Suite 4111312815  
2105019 : {1,1,0,1,1,1,0,1,0,1,1,1,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 513 kMax: 5 Suite 2131114815  
2108127 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 512 kMax: 6 Suite 51211111715  
2108351 : {1,1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 512 kMax: 5 Suite 6131111715  
2108791 : {1,1,1,0,1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 509 kMax: 5 Suite 31311121715  
2108895 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 508 kMax: 5 Suite 5131211715  
2108919 : {1,1,1,0,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 508 kMax: 5 Suite 3151211715  
2109111 : {1,1,1,0,1,1,0,1,0,1,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 508 kMax: 5 Suite 31211131715  
2109143 : {1,1,1,0,1,0,1,1,0,1,1,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 508 kMax: 5 Suite 31112131715  
2110839 : {1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 507 kMax: 5 Suite 31311112715  
2110847 : {1,1,1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 507 kMax: 6 Suite 7111112715  
2110943 : {1,1,1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 504 kMax: 5 Suite 5131112715  
2113259 : {1,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 504 kMax: 5 Suite 2111315715  
2124415 : {1,1,1,1,1,1,1,0,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 504 kMax: 5 Suite 7211112615  
2124479 : {1,1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 504 kMax: 5 Suite 61111112615  
2124511 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 501 kMax: 5 Suite 51211112615  
2124527 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 500 kMax: 5 Suite 41311112615  
2124735 : {1,1,1,1,1,1,0,1,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 499 kMax: 5 Suite 6131112615  
2173687 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 499 kMax: 5 Suite 3141111121415  
2173887 : {1,1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 499 kMax: 5 Suite 613111121415  
2178773 : {1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 499 kMax: 5 Suite 11111121521415  
2178987 : {1,1,0,1,0,1,0,1,1,1,1,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 499 kMax: 6 Suite 211111721415  
2184639 : {1,1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 498 kMax: 5 Suite 6121111111415  
2184831 : {1,1,1,1,1,1,1,0,0,1,0,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 497 kMax: 5 Suite 722111111415  
2184943 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 494 kMax: 4 Suite 4131211111415  
2206655 : {1,1,1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 494 kMax: 5 Suite 61311112415  
2227115 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 493 kMax: 4 Suite 211111316415  
2250207 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 491 kMax: 5 Suite 5131111121315

2250231 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 490 kMax: 4 Suite 31511111121315  
Temps CPU: 126399 secondes. Total: 163556 secondes (45h et 26 minutes).  
Collier de 27 perles. N°du 1er gagnant: 2250231 Forme : 31511111121315 Nbr de gagnants: 1  
Indif= 490 Max Indif Couple= 4 Moyenne : 490/351  
{31511111121315}

Sat 30 Mar 2013 07:37:05

**NucléoCollier de Type 1 V-22 mars de 28 Perles.** Recherche avec 8 à 8 séries de zéros à droite et kmax= 5  
Calcul du collier 524291 au collier 1048577 soit 524287 colliers par pas de 4

~~533771 : {1,1,0,1,0,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 649 kMax: 5 Suite 211411121518~~  
~~533787 : {1,1,0,1,1,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 618 kMax: 5 Suite 212311121518~~  
~~533791 : {1,1,1,1,1,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 597 kMax: 5 Suite 5311121518~~  
~~533807 : {1,1,1,1,0,1,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 597 kMax: 5 Suite 411211121518~~  
~~533815 : {1,1,1,0,1,1,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 593 kMax: 5 Suite 312211121518~~  
~~533819 : {1,1,0,1,1,1,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 593 kMax: 5 Suite 213211121518~~  
~~533839 : {1,1,1,1,0,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 588 kMax: 5 Suite 421111121518~~  
~~533847 : {1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 585 kMax: 5 Suite 31111111121518~~  
~~533855 : {1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 572 kMax: 5 Suite 511111121518~~  
~~533879 : {1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 571 kMax: 5 Suite 313111121518~~  
~~533983 : {1,1,1,1,1,0,1,1,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 566 kMax: 5 Suite 5131121518~~  
~~534007 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 564 kMax: 5 Suite 3151121518~~  
~~535007 : {1,1,1,1,1,0,1,1,1,0,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 562 kMax: 5 Suite 5132111518~~  
~~535031 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 560 kMax: 5 Suite 3152111518~~  
~~535263 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 556 kMax: 5 Suite 512111111518~~  
~~535927 : {1,1,1,0,1,1,1,0,1,0,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 554 kMax: 5 Suite 313111211518~~  
~~536031 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 552 kMax: 5 Suite 5131211518~~  
~~536055 : {1,1,1,0,1,1,1,1,1,0,1,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 552 kMax: 5 Suite 3151211518~~  
~~538079 : {1,1,1,1,1,0,1,1,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 549 kMax: 5 Suite 5131112518~~  
~~540395 : {1,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 549 kMax: 5 Suite 2111315518~~  
~~546271 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 548 kMax: 5 Suite 513111111418~~  
~~546295 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 547 kMax: 5 Suite 315111111418~~  
~~546543 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 543 kMax: 5 Suite 413121111418~~  
~~551647 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 543 kMax: 5 Suite 512111112418~~  
~~551663 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 542 kMax: 5 Suite 413111112418~~  
~~555947 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 542 kMax: 5 Suite 211111314418~~  
~~556459 : {1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 542 kMax: 5 Suite 211111215418~~  
~~556779 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 539 kMax: 5 Suite 2111316418~~  
~~567287 : {1,1,1,0,1,1,1,1,1,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 539 kMax: 5 Suite 3172111318~~  
~~568799 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 536 kMax: 5 Suite 513121111318~~  
~~612283 : {1,1,0,1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 536 kMax: 5 Suite 2131411111218~~  
~~654251 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 536 kMax: 5 Suite 211111316218~~  
~~669175 : {1,1,1,0,1,1,1,1,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 536 kMax: 5 Suite 315111231118~~  
~~670559 : {1,1,1,1,1,0,1,0,1,1,0,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 535 kMax: 5 Suite 511121331118~~  
~~671415 : {1,1,1,0,1,1,0,1,0,1,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 534 kMax: 5 Suite 312111531118~~  
~~687851 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 534 kMax: 5 Suite 211131621118~~  
~~731871 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 533 kMax: 5 Suite 51211111122118~~  
~~731895 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 533 kMax: 5 Suite 31411111122118~~  
~~742391 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0,0,0} Indif: 533 kMax: 5 Suite 316211112118~~  
~~742623 : {1,1,1,1,1,0,1,1,0,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 533 kMax: 5 Suite 51221111122118~~  
~~769835 : {1,1,0,1,0,1,0,0,1,1,1,1,1,0,1,1,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 533 kMax: 5 Suite 211112613118~~  
~~781483 : {1,1,0,1,0,1,0,1,0,0,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 532 kMax: 5 Suite 21111112215118~~  
~~781651 : {1,1,0,0,1,0,1,0,1,0,1,1,0,1,1,1,1,0,0,0,0,0,0,0,0,0,0,0} Indif: 532 kMax: 5 Suite 22111111215118~~

~~Temps CPU: 1729 secondes. Total: 1739 secondes.~~

~~Collier de 28 perles. N°du 1er gagnant: 781483 Forme : 21111112215118 Nbr de gagnants: 2  
Indif= 532 Max Indif Couple= 5 Moyenne : 38/27  
{21111112215118,22111111215118}~~

Voir ci dessous

Mon 25 Feb 2013 09:43:50

**NucléoCollier de 28 Perles.** Recherche avec Zéros de 7 à 7 et kmax= 6



Calcul du collier 1048579 au collier 2097153 soit 1048574 colliers par pas de 4

1057827 : 1100010000100100000010000000 Indif: 706 kMax: 6 Suite 2314121617  
1057835 : 1101010000100100000010000000 Indif: 657 kMax: 6 Suite 211114121617  
1057839 : 1111010000100100000010000000 Indif: 638 kMax: 6 Suite 4114121617  
1057879 : 1110101000100100000010000000 Indif: 623 kMax: 6 Suite 311113121617  
1057887 : 1111101000100100000010000000 Indif: 613 kMax: 6 Suite 5113121617  
1057903 : 1111011000100100000010000000 Indif: 611 kMax: 6 Suite 4123121617  
1057915 : 1101111000100100000010000000 Indif: 610 kMax: 6 Suite 2143121617  
1057967 : 1111010100100100000010000000 Indif: 600 kMax: 6 Suite 411112121617  
1057983 : 1111110100100100000010000000 Indif: 596 kMax: 6 Suite 6112121617  
1058015 : 1111101100100100000010000000 Indif: 595 kMax: 6 Suite 5122121617  
1058031 : 1111011100100100000010000000 Indif: 590 kMax: 6 Suite 4132121617  
1058039 : 1110111100100100000010000000 Indif: 589 kMax: 6 Suite 3142121617  
1058143 : 1111101010100100000010000000 Indif: 581 kMax: 6 Suite 511111121617  
1058167 : 1110111010100100000010000000 Indif: 580 kMax: 6 Suite 313111121617  
1058271 : 1111101110100100000010000000 Indif: 575 kMax: 6 Suite 5131121617  
1058295 : 1110111110100100000010000000 Indif: 573 kMax: 6 Suite 3151121617  
1058799 : 1111011111100100000010000000 Indif: 572 kMax: 6 Suite 41621617  
1058807 : 1110111111100100000010000000 Indif: 569 kMax: 6 Suite 31721617  
1059295 : 1111101110010100000010000000 Indif: 568 kMax: 6 Suite 5132111617  
1059319 : 1110111110010100000010000000 Indif: 566 kMax: 6 Suite 3152111617  
1059551 : 1111101101010100000010000000 Indif: 562 kMax: 6 Suite 512111111617  
1060215 : 1110111010110100000010000000 Indif: 559 kMax: 6 Suite 313111121617  
1060319 : 1111101110110100000010000000 Indif: 557 kMax: 6 Suite 5131211617  
1060343 : 1110111110110100000010000000 Indif: 557 kMax: 6 Suite 3151211617  
1062263 : 1110111010101100000010000000 Indif: 557 kMax: 6 Suite 313111112617  
1062367 : 1111101110101100000010000000 Indif: 553 kMax: 6 Suite 5131112617  
1064683 : 1101011101111100000010000000 Indif: 553 kMax: 6 Suite 2111315617  
1070015 : 1111101110010100000100000000 Indif: 553 kMax: 6 Suite 6132111517  
1070063 : 1111011111001010000010000000 Indif: 553 kMax: 5 Suite 4152111517  
1070071 : 1110111111001010000010000000 Indif: 550 kMax: 5 Suite 3162111517  
1070527 : 1111101101010100000100000000 Indif: 549 kMax: 6 Suite 612111111517  
1070583 : 1110111110101010000010000000 Indif: 549 kMax: 5 Suite 315111111517  
1070831 : 1111011101101010000010000000 Indif: 545 kMax: 5 Suite 413121111517  
1075935 : 1111101101010110000010000000 Indif: 543 kMax: 5 Suite 512111112517  
1075951 : 1111011101010110000010000000 Indif: 542 kMax: 5 Suite 413111112517  
1076159 : 1111101110101100000100000000 Indif: 541 kMax: 6 Suite 6131112517  
1081067 : 1101011101111110000010000000 Indif: 540 kMax: 5 Suite 2111316517  
1092319 : 1111101101010101000010000000 Indif: 540 kMax: 5 Suite 5121111111417  
1092571 : 1101101111010101000010000000 Indif: 539 kMax: 4 Suite 2121411111417  
1093079 : 1110101110110101000010000000 Indif: 539 kMax: 5 Suite 3111312111417  
1093087 : 1111101110110101000010000000 Indif: 535 kMax: 5 Suite 51312111417  
1103327 : 1111101110101011000010000000 Indif: 534 kMax: 5 Suite 513111112417  
1103351 : 1110111110101011000010000000 Indif: 534 kMax: 4 Suite 315111112417  
1112759 : 1110110101011111000010000000 Indif: 534 kMax: 4 Suite 312111115417  
1112919 : 1110101011011111000010000000 Indif: 534 kMax: 4 Suite 311111215417  
1113003 : 1101010111011111000010000000 Indif: 533 kMax: 4 Suite 211111315417  
1135599 : 1111011111001010100010000000 Indif: 533 kMax: 4 Suite 41521111317  
1135607 : 1110111111001010100010000000 Indif: 533 kMax: 4 Suite 31621111317  
1136367 : 1111011101101010100010000000 Indif: 532 kMax: 5 Suite 4131211111317  
1178539 : 1101010111011111100010000000 Indif: 532 kMax: 4 Suite 211111316317  
1305943 : 1110101010110111110010000000 Indif: 532 kMax: 5 Suite 31111111215217  
1343211 : 1101011101111110001010000000 Indif: 532 kMax: 5 Suite 211131631117  
1365495 : 1110111110101011001010000000 Indif: 530 kMax: 4 Suite 31511111221117  
1375063 : 1110101011011111001010000000 Indif: 530 kMax: 5 Suite 31111121521117  
1402359 : 1110111110100110101010000000 Indif: 530 kMax: 6 Suite 31511221111117  
1403383 : 1110111110010110101010000000 Indif: 530 kMax: 6 Suite 31521121111117  
1463799 : 1110111110101010011010000000 Indif: 530 kMax: 4 Suite 3151111122117  
1485279 : 1111101110010101011010000000 Indif: 530 kMax: 5 Suite 51321111112117  
1485303 : 1110111110010101011010000000 Indif: 528 kMax: 4 Suite 31521111112117

Temps CPU: 4162 secondes. Total: 70 min.

Collier de 28 perles. N°gagnant: 1485303 = 11101111100101010101000000 Nbr de gagnants: 1 1485303 Indif= 528  
Max Indif Couple= 4 Moyenne : 88/63

Sun 24 Feb 2013 23:04:49

**NucléoCollier de 28 Perles.** Recherche avec Zéros de 5 à 6 et kmax= 5

Calcul du collier 2097155 au collier 8388609 soit 6291454 colliers par pas de 4

~~2134295 : 1110100010001001000001000000 Indif: 615 kMax: 5 Suite 311313121516~~  
~~2134303 : 1111100010001001000001000000 Indif: 603 kMax: 5 Suite 5313121516~~  
~~2134359 : 1110101010001001000001000000 Indif: 587 kMax: 5 Suite 31111113121516~~  
~~2134367 : 1111101010001001000001000000 Indif: 575 kMax: 5 Suite 511113121516~~  
~~2134703 : 1111010101001001000001000000 Indif: 568 kMax: 5 Suite 41111112121516~~  
~~2134767 : 1111011101001001000001000000 Indif: 567 kMax: 5 Suite 413112121516~~  
~~2134775 : 1110111101001001000001000000 Indif: 567 kMax: 5 Suite 314112121516~~  
~~2134959 : 1111010111001001000001000000 Indif: 564 kMax: 5 Suite 411132121516~~  
~~2134999 : 1110101111001001000001000000 Indif: 563 kMax: 5 Suite 311142121516~~  
~~2135007 : 1111101111001001000001000000 Indif: 560 kMax: 5 Suite 5142121516~~  
~~2135023 : 1111011111001001000001000000 Indif: 559 kMax: 5 Suite 4152121516~~  
~~2135031 : 1110111111001001000001000000 Indif: 555 kMax: 5 Suite 3162121516~~  
~~2135391 : 1111101010101001000001000000 Indif: 555 kMax: 5 Suite 51111111121516~~  
~~2135407 : 1111011010101001000001000000 Indif: 553 kMax: 5 Suite 41211111121516~~  
~~2135419 : 1101111010101001000001000000 Indif: 551 kMax: 5 Suite 21411111121516~~  
~~2135519 : 1111101110101001000001000000 Indif: 546 kMax: 5 Suite 513111121516~~  
~~2138071 : 1110101111111001000001000000 Indif: 546 kMax: 5 Suite 3111721516~~  
~~2140151 : 1110111111100101000001000000 Indif: 546 kMax: 5 Suite 3172111516~~  
~~2140663 : 1110111110010101000001000000 Indif: 546 kMax: 5 Suite 315211111516~~  
~~2140895 : 1111101101010101000001000000 Indif: 544 kMax: 5 Suite 51211111111516~~  
~~2141147 : 1101101111010101000001000000 Indif: 543 kMax: 5 Suite 21214111111516~~  
~~2141655 : 1110101110110101000001000000 Indif: 543 kMax: 5 Suite 31113121111516~~  
~~2141663 : 1111101110110101000001000000 Indif: 539 kMax: 5 Suite 513121111516~~  
~~2151903 : 1111101110101011000001000000 Indif: 536 kMax: 5 Suite 513111112516~~  
~~2161579 : 1101010111011111000001000000 Indif: 536 kMax: 5 Suite 211111315516~~  
~~2184943 : 1111011101101010100001000000 Indif: 533 kMax: 4 Suite 41312111111416~~  
~~2227115 : 1101010111011111100001000000 Indif: 531 kMax: 4 Suite 211111316416~~  
~~2271215 : 1111011111100101010001000000 Indif: 531 kMax: 4 Suite 416211111316~~  
~~2272735 : 1111101110110101010001000000 Indif: 529 kMax: 5 Suite 51312111111316~~  
~~2272759 : 1110111110110101010001000000 Indif: 529 kMax: 5 Suite 31512111111316~~  
~~4500415 : 1111101110101010010001000000 Indif: 529 kMax: 5 Suite 61311111121315~~  
~~4631031 : 1110111110010101011000100000 Indif: 529 kMax: 4 Suite 31521111112315~~  
~~4709547 : 1101010100111011111000100000 Indif: 529 kMax: 4 Suite 21111112315315~~  
~~4715691 : 1101010100101111111000100000 Indif: 528 kMax: 4 Suite 21111112117315~~

Temps CPU: 18751 secondes. Total: 313 min.

Collier de 28 perles. N°gagnant: 4715691 = 1101010100101111111000100000 Nbr de gagnants: 1 4715691 Indif= 528  
Max Indif Couple= 4 Moyenne : 88/63

Voir ci-dessus

Fri 29 Mar 2013 20:29:19

**NucléoCollier de Type 1 V-22 mars de 28 Perles.** Recherche avec 4 à 5 séries de zéros à droite et kmax= 4

Calcul du collier 4194307 au collier 16777217 soit 12582911 colliers par pas de 4

~~4364311 : {1,1,1,0,1,0,0,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 603 kMax: 4 Suite 311622111415~~  
~~4364411 : {1,1,0,1,1,1,1,0,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 584 kMax: 4 Suite 214422111415~~  
~~4364439 : {1,1,1,0,1,0,0,1,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 583 kMax: 4 Suite 31121322111415~~  
~~4364463 : {1,1,1,1,0,1,0,1,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 566 kMax: 4 Suite 41111322111415~~  
~~4364527 : {1,1,1,1,0,1,1,1,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 564 kMax: 4 Suite 413322111415~~  
~~4364535 : {1,1,1,0,1,1,1,1,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 564 kMax: 4 Suite 314322111415~~  
~~4364539 : {1,1,0,1,1,1,1,1,0,0,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 564 kMax: 4 Suite 215322111415~~  
~~4365047 : {1,1,1,0,1,1,1,1,0,1,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 546 kMax: 4 Suite 31411122111415~~  
~~4365271 : {1,1,1,0,1,0,1,1,1,1,0,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 546 kMax: 4 Suite 31114122111415~~  
~~4366011 : {1,1,0,1,1,1,0,1,0,1,1,1,1,0,0,1,0,1,0,0,0,0,1,0,0,0,0} Indif: 546 kMax: 4 Suite 21311142111415~~

4368111 : {1,1,1,1,0,1,1,1,0,0,1,0,0,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 544 kMax: 4 Suite 41312211111415  
4368315 : {1,1,0,1,1,1,0,1,1,1,0,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 544 kMax: 4 Suite 21314211111415  
4368367 : {1,1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 539 kMax: 4 Suite 4162111111415  
4369263 : {1,1,1,1,0,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 537 kMax: 4 Suite 412121111111415  
4369371 : {1,1,0,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 535 kMax: 4 Suite 212141111111415  
4380151 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,1,0,1,0,0,0,0,1,0,0,0,0,0} Indif: 535 kMax: 4 Suite 31511111211415  
4412667 : {1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 535 kMax: 4 Suite 21521111112415  
4418287 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 533 kMax: 4 Suite 41311111212415  
4447579 : {1,1,0,1,1,0,1,0,1,0,1,1,1,0,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 533 kMax: 4 Suite 21211111314415  
4455339 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0} Indif: 533 kMax: 4 Suite 211111317415  
4499447 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 533 kMax: 4 Suite 317211121315  
4500215 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 532 kMax: 4 Suite 314111111121315  
4500463 : {1,1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 531 kMax: 4 Suite 4151111121315  
4520631 : {1,1,1,0,1,1,0,1,0,1,0,1,1,1,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 531 kMax: 4 Suite 31211111521315  
4520791 : {1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,0,0,1,0,0,0,1,0,0,0,0,0} Indif: 530 kMax: 4 Suite 31111121521315  
4631031 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 529 kMax: 4 Suite 3152111112315  
~~4715691 : {1,1,0,1,0,1,0,1,0,0,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0} Indif: 528 kMax: 4 Suite 2111112117315~~

~~Temps CPU: 21730 secondes. Total: 21727 secondes.~~

~~Collier de 28 perles. N° du 1er gagnant: 4715691 - Forme : 2111112117315 - Nbr de gagnants: 1~~

~~Indif=528 - Max Indif Couple=4 - Moyenne : 88/63~~

~~{2111112117315}~~

Même configuration que ci-dessus

Sat 30 Mar 2013 10:32:40

**NucléoCollier de Type 1 V-22 mars de 29 Perles.** Recherche avec 8 à 8 séries de zéros à droite et kmax= 5  
Calcul du collier 1048579 au collier 2097153 soit 1048575 colliers par pas de 4

1067531 : {1,1,0,1,0,0,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 709 kMax: 5 Suite 211511121518  
1067539 : {1,1,0,0,1,0,0,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 708 kMax: 5 Suite 221411121518  
1067543 : {1,1,1,0,1,0,0,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 671 kMax: 5 Suite 311411121518  
1067575 : {1,1,1,0,1,1,0,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 640 kMax: 5 Suite 312311121518  
1067615 : {1,1,1,1,1,0,1,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 631 kMax: 5 Suite 511211121518  
1067631 : {1,1,1,1,0,1,1,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 625 kMax: 5 Suite 412211121518  
1067643 : {1,1,0,1,1,1,1,0,0,0,1,0,1,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 624 kMax: 5 Suite 214211121518  
1067679 : {1,1,1,1,1,0,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 621 kMax: 5 Suite 521111121518  
1067695 : {1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 618 kMax: 5 Suite 4111111121518  
1067703 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 615 kMax: 5 Suite 3121111121518  
1067707 : {1,1,0,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 615 kMax: 5 Suite 2131111121518  
1067743 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 608 kMax: 5 Suite 512111121518  
1067759 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 604 kMax: 5 Suite 413111121518  
1068023 : {1,1,1,0,1,1,1,1,1,0,1,0,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 602 kMax: 5 Suite 3161121518  
1069035 : {1,1,0,1,0,1,1,1,1,1,1,0,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 602 kMax: 5 Suite 2111721518  
1070047 : {1,1,1,1,1,0,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 601 kMax: 5 Suite 5142111518  
1070063 : {1,1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 600 kMax: 5 Suite 4152111518  
1070071 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 597 kMax: 5 Suite 3162111518  
1070583 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 597 kMax: 5 Suite 315111111518  
1070831 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 592 kMax: 5 Suite 413121111518  
1075935 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 590 kMax: 5 Suite 512111112518  
1075951 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 589 kMax: 5 Suite 413111112518  
1080235 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 589 kMax: 5 Suite 21111314518  
1081067 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,1,0,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 586 kMax: 5 Suite 2111316518  
1092571 : {1,1,0,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 585 kMax: 5 Suite 2121411111418  
1093079 : {1,1,1,0,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 585 kMax: 5 Suite 3111312111418  
1093087 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 580 kMax: 5 Suite 513121111418  
1103327 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 579 kMax: 5 Suite 513111112418  
1103351 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 579 kMax: 5 Suite 315111112418  
1112759 : {1,1,1,0,1,1,0,1,0,1,0,1,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 579 kMax: 5 Suite 312111115418  
1112919 : {1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 579 kMax: 5 Suite 311111215418  
1113003 : {1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 578 kMax: 5 Suite 211111315418  
1177451 : {1,1,0,1,0,1,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 578 kMax: 5 Suite 211121315318

~~1178539 : {1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 578 kMax: 5 Suite 211111316318~~  
~~1223667 : {1,1,0,0,1,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0} Indif: 578 kMax: 5 Suite 2261111111218~~  
~~1224159 : {1,1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0} Indif: 576 kMax: 5 Suite 5131211111218~~  
~~1224183 : {1,1,1,0,1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0} Indif: 576 kMax: 5 Suite 3151211111218~~  
~~1224635 : {1,1,0,1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,1,0,0,0,0,0,0,0} Indif: 576 kMax: 5 Suite 2131511111218~~  
~~1338743 : {1,1,1,0,1,1,1,0,1,0,1,1,0,1,1,0,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 576 kMax: 5 Suite 3131112123118~~  
~~1343191 : {1,1,1,0,1,0,1,1,0,1,1,1,1,1,1,0,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 575 kMax: 5 Suite 311121631118~~  
~~1343211 : {1,1,0,1,0,1,1,1,0,1,1,1,1,1,1,0,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 574 kMax: 5 Suite 211131631118~~  
~~1365495 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 572 kMax: 5 Suite 3151111122118~~  
~~1375063 : {1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,0,0,0,0} Indif: 572 kMax: 5 Suite 3111112152118~~  
~~{1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,1,1,0,1,0,0,0,0,0,0,0,0} Indif: 572 kMax: 5 Suite 3151111122118~~  
~~1485279 : {1,1,1,1,1,0,1,1,1,0,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0,0,0} Indif: 572 kMax: 5 Suite 5132111111218~~  
~~1485303 : {1,1,1,0,1,1,1,1,0,0,1,0,1,0,1,0,1,0,1,0,0,0,0,0,0,0,0} Indif: 570 kMax: 5 Suite 3152111111218~~

~~Temps CPU: 3616 secondes. Total: 3651 secondes.~~  
~~Collier de 29 perles. N°du 1er gagnant: 1485303 Forme : 31521111112118 Nbr de gagnants: 1~~  
~~Indif= 570 Max Indif Couple= 5 Moyenne : 285/203~~  
~~{31521111112118}~~

Voir ci-dessous

Mon 25 Feb 2013 14:25:08

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

Calcul du collier 2097155 au collier 4194305 soit 2097150 colliers par pas de 4

~~2115651 : 11000010000100100000010000000 Indif: 779 kMax: 6 Suite 2414121617~~  
~~2115655 : 11100010000100100000010000000 Indif: 713 kMax: 6 Suite 3314121617~~  
~~2115671 : 11101010000100100000010000000 Indif: 680 kMax: 6 Suite 311114121617~~  
~~2115679 : 11111010000100100000010000000 Indif: 671 kMax: 6 Suite 5114121617~~  
~~2115759 : 11110101000100100000010000000 Indif: 656 kMax: 6 Suite 411113121617~~  
~~2115775 : 11111101000100100000010000000 Indif: 649 kMax: 6 Suite 6113121617~~  
~~2115807 : 11111011000100100000010000000 Indif: 644 kMax: 6 Suite 5123121617~~  
~~2115823 : 11110111000100100000010000000 Indif: 640 kMax: 6 Suite 4133121617~~  
~~2115831 : 11101111000100100000010000000 Indif: 640 kMax: 6 Suite 3143121617~~  
~~2115935 : 11111010100100100000010000000 Indif: 634 kMax: 6 Suite 511112121617~~  
~~2116031 : 11111101100100100000010000000 Indif: 633 kMax: 6 Suite 6122121617~~  
~~2116063 : 11111011100100100000010000000 Indif: 624 kMax: 6 Suite 5132121617~~  
~~2116087 : 11101111100100100000010000000 Indif: 622 kMax: 6 Suite 3152121617~~  
~~2116287 : 11111101010100100000010000000 Indif: 619 kMax: 6 Suite 611111121617~~  
~~2116319 : 11111011010100100000010000000 Indif: 617 kMax: 6 Suite 512111121617~~  
~~2116335 : 11110111010100100000010000000 Indif: 613 kMax: 6 Suite 413111121617~~  
~~2116543 : 11111101110100100000010000000 Indif: 613 kMax: 6 Suite 6131121617~~  
~~2116599 : 11101111110100100000010000000 Indif: 611 kMax: 6 Suite 3161121617~~  
~~2117591 : 11101011111100100000010000000 Indif: 611 kMax: 6 Suite 3111621617~~  
~~2117611 : 11010111111100100000010000000 Indif: 611 kMax: 6 Suite 2111721617~~  
~~2117615 : 11110111111100100000010000000 Indif: 611 kMax: 6 Suite 41721617~~  
~~2118591 : 11111101110010100000010000000 Indif: 606 kMax: 6 Suite 6132111617~~  
~~2118639 : 11110111110010100000010000000 Indif: 606 kMax: 6 Suite 4152111617~~  
~~2118647 : 11101111110010100000010000000 Indif: 603 kMax: 6 Suite 3162111617~~  
~~2119103 : 11111101101010100000010000000 Indif: 603 kMax: 6 Suite 612111111617~~  
~~2119159 : 111011111101010100000010000000 Indif: 603 kMax: 6 Suite 315111111617~~  
~~2119407 : 1111011101101010100000010000000 Indif: 598 kMax: 6 Suite 413121111617~~  
~~2124511 : 11111011010101100000010000000 Indif: 594 kMax: 6 Suite 512111112617~~  
~~2124527 : 11110111010101100000010000000 Indif: 593 kMax: 6 Suite 413111112617~~  
~~2124735 : 11111101110101100000010000000 Indif: 591 kMax: 6 Suite 6131112617~~  
~~2129643 : 11010111011111100000010000000 Indif: 591 kMax: 6 Suite 2111316617~~  
~~2138071 : 11101011111110010000010000000 Indif: 591 kMax: 5 Suite 3111721517~~  
~~2140143 : 11110111111001010000010000000 Indif: 591 kMax: 5 Suite 4162111517~~  
~~2140151 : 11101111111001010000010000000 Indif: 589 kMax: 5 Suite 3172111517~~  
~~2140895 : 11111011010101010000010000000 Indif: 589 kMax: 5 Suite 5121111111517~~  
~~2141039 : 11110110110101010000010000000 Indif: 589 kMax: 5 Suite 4121211111517~~  
~~2141047 : 11101110110101010000010000000 Indif: 589 kMax: 5 Suite 3131211111517~~  
~~2141147 : 11011011110101010000010000000 Indif: 587 kMax: 5 Suite 2121411111517~~

2141655 : 1110101110110101000001000000 Indif: 587 kMax: 5 Suite 31113121111517  
2141663 : 1111101110110101000001000000 Indif: 582 kMax: 5 Suite 513121111517  
2151903 : 1111101110101011000001000000 Indif: 579 kMax: 5 Suite 513111112517  
2161579 : 1101010111011111000001000000 Indif: 579 kMax: 5 Suite 211111315517  
2184927 : 1111101101101010100001000000 Indif: 579 kMax: 5 Suite 5121211111417  
2184943 : 1111011101101010100001000000 Indif: 575 kMax: 4 Suite 4131211111417  
2206655 : 1111110111010101100001000000 Indif: 574 kMax: 6 Suite 613111112417  
2227115 : 1101010111011111100001000000 Indif: 572 kMax: 4 Suite 211111316417  
2271215 : 1111011111100101010001000000 Indif: 572 kMax: 4 Suite 416211111317  
2272735 : 1111101110110101010001000000 Indif: 570 kMax: 5 Suite 5131211111317  
2272759 : 1110111110110101010001000000 Indif: 570 kMax: 5 Suite 3151211111317  
2806775 : 111011111001011010101000000 Indif: 570 kMax: 6 Suite 3162112111117  
2927327 : 1111101101010101001101000000 Indif: 570 kMax: 5 Suite 512111111122117  
2970103 : 1110111110001010101101000000 Indif: 570 kMax: 4 Suite 31531111112117  
**2970615 : 1110111111001010101101000000 Indif: 568 kMax: 4 Suite 31621111112117**

Temps CPU: 10049 secondes. Total: 169 min.

Collier de 29 perles. N°gagnant: 2970615 = 111011111001010101101000000 Nbr de gagnants: 1 2970615 Indif= 568  
Max Indif Couple= 4 Moyenne : 284/203

Mon 25 Feb 2013 19:04:42

**NucléoCollier de 29 Perles.** Recherche avec Zéros de 6 à 6 et kmax= 6

Calcul du collier 4194307 au collier 8388609 soit 4194302 colliers par pas de 4

4195859 : 1100100001100000000001000000 Indif: 769 kMax: 6 Suite 221421116  
4195863 : 1110100001100000000001000000 Indif: 725 kMax: 6 Suite 311421116  
4195871 : 1111100001100000000001000000 Indif: 718 kMax: 6 Suite 5421116  
4195883 : 1101010001100000000001000000 Indif: 710 kMax: 6 Suite 21111321116  
4195887 : 1111010001100000000001000000 Indif: 694 kMax: 6 Suite 411321116  
4195895 : 1110110001100000000001000000 Indif: 694 kMax: 6 Suite 312321116  
4195903 : 1111110001100000000001000000 Indif: 689 kMax: 6 Suite 6321116  
4195927 : 1110101001100000000001000000 Indif: 683 kMax: 6 Suite 31111221116  
4195935 : 1111101001100000000001000000 Indif: 671 kMax: 6 Suite 511221116  
4195967 : 1111111001100000000001000000 Indif: 664 kMax: 6 Suite 7221116  
4196023 : 1110110101100000000001000000 Indif: 662 kMax: 6 Suite 31211121116  
4196031 : 1111110101100000000001000000 Indif: 659 kMax: 6 Suite 611121116  
4196063 : 1111101101100000000001000000 Indif: 658 kMax: 6 Suite 512121116  
4196079 : 1111011101100000000001000000 Indif: 652 kMax: 6 Suite 413121116  
4196283 : 1101110111100000000001000000 Indif: 652 kMax: 6 Suite 213141116  
4197551 : 1111010100110000000001000000 Indif: 651 kMax: 6 Suite 41111221016  
4197567 : 1111110100110000000001000000 Indif: 646 kMax: 6 Suite 611221016  
4197631 : 1111111100110000000001000000 Indif: 644 kMax: 6 Suite 8221016  
4197727 : 1111101010110000000001000000 Indif: 640 kMax: 6 Suite 51111121016  
4197751 : 1110111010110000000001000000 Indif: 635 kMax: 6 Suite 31311121016  
4197759 : 1111111010110000000001000000 Indif: 635 kMax: 6 Suite 711121016  
4197855 : 1111101110110000000001000000 Indif: 629 kMax: 6 Suite 513121016  
4198331 : 1101110111110000000001000000 Indif: 629 kMax: 6 Suite 213151016  
4199871 : 111111011101010000000001000000 Indif: 628 kMax: 6 Suite 6121111916  
4199903 : 1111101110101000000001000000 Indif: 626 kMax: 6 Suite 5131111916  
4200183 : 1110111101101000000001000000 Indif: 621 kMax: 6 Suite 3141211916  
4201151 : 1111110101011000000001000000 Indif: 621 kMax: 6 Suite 6111112916  
4201183 : 1111101101011000000001000000 Indif: 617 kMax: 6 Suite 5121112916  
4201391 : 1111010111011000000001000000 Indif: 615 kMax: 6 Suite 4111312916  
4202171 : 1101110101111000000001000000 Indif: 615 kMax: 6 Suite 2131114916  
4205431 : 1110111011010100000001000000 Indif: 615 kMax: 6 Suite 31312111816  
4205439 : 1111111011010100000001000000 Indif: 615 kMax: 6 Suite 7121111816  
4205503 : 1111110111010100000001000000 Indif: 613 kMax: 6 Suite 6131111816  
4205943 : 1110111010110100000001000000 Indif: 609 kMax: 6 Suite 313111211816  
4206047 : 1111101110110100000001000000 Indif: 606 kMax: 6 Suite 5131211816  
4206071 : 1110111110110100000001000000 Indif: 606 kMax: 6 Suite 3151211816  
4207991 : 1110111010101100000001000000 Indif: 606 kMax: 6 Suite 31311112816  
4208063 : 1111110110101100000001000000 Indif: 606 kMax: 6 Suite 6121112816

4208095 : 11111011101011000000001000000 Indif: 601 kMax: 6 Suite 5131112816  
4210411 : 11010111011111000000001000000 Indif: 601 kMax: 6 Suite 2111315816  
4216559 : 11110111011010100000001000000 Indif: 598 kMax: 6 Suite 413121111716  
4221567 : 11111110010101100000001000000 Indif: 598 kMax: 6 Suite 7211112716  
4221663 : 11111011010101100000001000000 Indif: 594 kMax: 6 Suite 512111112716  
4221679 : 11110111010101100000001000000 Indif: 593 kMax: 6 Suite 413111112716  
4221887 : 11111101110101100000001000000 Indif: 591 kMax: 6 Suite 6131112716  
4226795 : 11010111011111100000001000000 Indif: 591 kMax: 6 Suite 2111316716  
4267991 : 11101011111110001000001000000 Indif: 591 kMax: 6 Suite 3111731516  
4270815 : 11111011010101001000001000000 Indif: 588 kMax: 5 Suite 51211111121516  
4270831 : 11110111010101001000001000000 Indif: 587 kMax: 5 Suite 41311111121516  
4270839 : 11101111010101001000001000000 Indif: 586 kMax: 5 Suite 31411111121516  
4271039 : 11111101110101001000001000000 Indif: 585 kMax: 6 Suite 613111121516  
4281311 : 11111011110010101000001000000 Indif: 585 kMax: 5 Suite 514211111516  
4281327 : 11110111110010101000001000000 Indif: 584 kMax: 5 Suite 415211111516  
4281335 : 11101111110010101000001000000 Indif: 584 kMax: 5 Suite 316211111516  
4281983 : 11111110011010101000001000000 Indif: 583 kMax: 6 Suite 722111111516  
4282079 : 11111011011010101000001000000 Indif: 583 kMax: 5 Suite 51212111111516  
4282095 : 11110111011010101000001000000 Indif: 579 kMax: 5 Suite 41312111111516  
4303487 : 11111110010101011000001000000 Indif: 579 kMax: 6 Suite 721111112516  
4303583 : 11111011010101011000001000000 Indif: 579 kMax: 6 Suite 51211111112516  
4303807 : 11111101110101011000001000000 Indif: 576 kMax: 6 Suite 613111112516  
4324267 : 11010101110111111000001000000 Indif: 575 kMax: 5 Suite 211111316516  
4369887 : 11111011101101010100001000000 Indif: 571 kMax: 5 Suite 51312111111416  
4369911 : 11101111101101010100001000000 Indif: 571 kMax: 5 Suite 31512111111416  
4542443 : 11010111111100101010001000000 Indif: 571 kMax: 5 Suite 21117211111316  
4549111 : 11101111100101101010001000000 Indif: 571 kMax: 5 Suite 31521121111316  
4550567 : 11100101111101101010001000000 Indif: 571 kMax: 4 Suite 32115121111316  
4552651 : 11010011111011101010001000000 Indif: 571 kMax: 4 Suite 21125131111316  
4565495 : 11101111100101011010001000000 Indif: 570 kMax: 4 Suite 31521111211316  
4586667 : 11010101001111111010001000000 Indif: 570 kMax: 5 Suite 2111112711316  
4631031 : 11101111100101010110001000000 Indif: 568 kMax: 4 Suite 31521111112316  
4709547 : 11010101001110111110001000000 Indif: 568 kMax: 4 Suite 21111112315316  
4715691 : 11010101001011111110001000000 Indif: 568 kMax: 4 Suite 21111112117316

Temps CPU: 18577 secondes. Total: 315 min.

**Collier de 29 perles.** N°gagnant: 4631031 = 11101111100101010110001000000 Nbr de gagnants: 3 **2 en plus de celui-ci-dessus**

4631031-4709547-4715691 Indif= 568 Max Indif Couple= 4 Moyenne : 284/203

Tue 26 Feb 2013 00:43:33

**NucléoCollier de 30 Perles.** Recherche avec Zéros de 8 à 8 et kmax= 5

Calcul du collier 2097155 au collier 4194305 soit 2097150 colliers par pas de 4

2135087 : 11110100001010010000010000000 Indif: 706 kMax: 5 Suite 411411121518  
2135095 : 11101100001010010000010000000 Indif: 698 kMax: 5 Suite 312411121518  
2135151 : 11110110001010010000010000000 Indif: 673 kMax: 5 Suite 412311121518  
2135163 : 11011110001010010000010000000 Indif: 672 kMax: 5 Suite 214311121518  
2135255 : 11101011001010010000010000000 Indif: 669 kMax: 5 Suite 31112211121518  
2135263 : 11111011001010010000010000000 Indif: 660 kMax: 5 Suite 512211121518  
2135279 : 11110111001010010000010000000 Indif: 657 kMax: 5 Suite 413211121518  
2135287 : 11101111001010010000010000000 Indif: 656 kMax: 5 Suite 314211121518  
2135391 : 11111010101010010000010000000 Indif: 655 kMax: 5 Suite 51111111121518  
2135407 : 11110110101010010000010000000 Indif: 651 kMax: 5 Suite 41211111121518  
2135419 : 11011110101010010000010000000 Indif: 649 kMax: 5 Suite 21411111121518  
2135519 : 11111011101010010000010000000 Indif: 642 kMax: 5 Suite 513111121518  
2136055 : 11101111111010010000010000000 Indif: 642 kMax: 5 Suite 3171121518  
2140143 : 11110111111001010000010000000 Indif: 639 kMax: 5 Suite 4162111518  
2140151 : 11101111111001010000010000000 Indif: 637 kMax: 5 Suite 3172111518  
2141147 : 11011011110101010000010000000 Indif: 636 kMax: 5 Suite 21214111111518  
2141655 : 11101011101101010000010000000 Indif: 636 kMax: 5 Suite 31113121111518  
2141663 : 11111011101101010000010000000 Indif: 630 kMax: 5 Suite 513121111518

2151903 : 111110111010101100000100000000 Indif: 627 kMax: 5 Suite 513111112518  
 2161579 : 110101011101111100000100000000 Indif: 627 kMax: 5 Suite 211111315518  
 2162411 : 110101110111111100000100000000 Indif: 627 kMax: 5 Suite 2111317518  
 2184927 : 11111011011010101010000100000000 Indif: 626 kMax: 5 Suite 5121211111418  
 2184943 : 11110111011010101010000100000000 Indif: 622 kMax: 5 Suite 4131211111418  
 2206711 : 111011111101010110000100000000 Indif: 621 kMax: 5 Suite 316111112418  
 2207199 : 111110111011010110000100000000 Indif: 621 kMax: 5 Suite 513121112418  
 2209143 : 111011101010110110000100000000 Indif: 621 kMax: 5 Suite 31311111212418  
 2225851 : 110111010110111110000100000000 Indif: 621 kMax: 5 Suite 213111215418  
 2226027 : 110101101110111110000100000000 Indif: 620 kMax: 5 Suite 211121315418  
 2227115 : 110101011101111110000100000000 Indif: 618 kMax: 5 Suite 211111316418  
 2272735 : 111110111011010101000100000000 Indif: 618 kMax: 5 Suite 5131211111318  
 2272759 : 111011111011010101000100000000 Indif: 618 kMax: 5 Suite 3151211111318  
 2357083 : 110110101110111111000100000000 Indif: 618 kMax: 5 Suite 212111316318  
 2447863 : 111011111001101010100100000000 Indif: 618 kMax: 5 Suite 3152211111218  
 2449207 : 111011001111101010100100000000 Indif: 617 kMax: 5 Suite 3122511111218  
 2449211 : 110111001111101010100100000000 Indif: 617 kMax: 5 Suite 2132511111218  
 2533855 : 111110111001010101100100000000 Indif: 617 kMax: 5 Suite 51321111112218  
 2533879 : 111011111001010101100100000000 Indif: 615 kMax: 5 Suite 31521111112218  
 2684763 : 110110101110111100010100000000 Indif: 615 kMax: 5 Suite 21211131431118  
 2730999 : 111011111101010110010100000000 Indif: 615 kMax: 5 Suite 31611111221118  
 2751319 : 111010101101111110010100000000 Indif: 615 kMax: 5 Suite 31111121621118  
 2751403 : 110101011101111110010100000000 Indif: 614 kMax: 5 Suite 21111131621118  
 2927327 : 111110110101010100110100000000 Indif: 614 kMax: 5 Suite 512111111122118  
 2970103 : 111011111000101010110100000000 Indif: 614 kMax: 5 Suite 31531111112118  
 2970615 : 111011111100101010110100000000 Indif: 611 kMax: 5 Suite 31621111112118  
 Temps CPU: 6515 secondes. Total: 109 min.  
 Collier de 30 perles. N°gagnant: 2970615 = 111011111100101010110100000000 Nbr de gagnants: 1 2970615 Indif= 611  
 Max Indif Couple= 5 Moyenne = 611/435  
 Non retenu. Voir ci-dessous

Tue 26 Feb 2013 07:56:04

**NucléoCollier de 30 Perles.** Recherche avec Zéros de 7 à 7 et kmax= 5

Calcul du collier 4194307 au collier 8388609 soit 4194302 colliers par pas de 4

4268567 : 111010000100010010000010000000 Indif: 721 kMax: 5 Suite 311413121517  
 4268591 : 111101000100010010000010000000 Indif: 702 kMax: 5 Suite 411313121517  
 4268655 : 111101100100010010000010000000 Indif: 691 kMax: 5 Suite 412213121517  
 4268663 : 111011100100010010000010000000 Indif: 688 kMax: 5 Suite 313213121517  
 4268711 : 111001010100010010000010000000 Indif: 688 kMax: 5 Suite 32111113121517  
 4268719 : 111101010100010010000010000000 Indif: 669 kMax: 5 Suite 41111113121517  
 4268767 : 111110110100010010000010000000 Indif: 662 kMax: 5 Suite 512113121517  
 4268783 : 111101110100010010000010000000 Indif: 658 kMax: 5 Suite 413113121517  
 4268791 : 111011110100010010000010000000 Indif: 658 kMax: 5 Suite 314113121517  
 4268975 : 111101011100010010000010000000 Indif: 657 kMax: 5 Suite 411133121517  
 4269015 : 111010111100010010000010000000 Indif: 657 kMax: 5 Suite 311143121517  
 4269023 : 111110111100010010000010000000 Indif: 653 kMax: 5 Suite 5143121517  
 4269039 : 111101111100010010000010000000 Indif: 652 kMax: 5 Suite 4153121517  
 4269047 : 111011111100010010000010000000 Indif: 647 kMax: 5 Suite 3163121517  
 4270039 : 111010111110010010000010000000 Indif: 646 kMax: 5 Suite 311152121517  
 4270063 : 111101111110010010000010000000 Indif: 643 kMax: 5 Suite 4162121517  
 4270071 : 111011111110010010000010000000 Indif: 640 kMax: 5 Suite 3172121517  
 4270815 : 111110110101010010000010000000 Indif: 636 kMax: 5 Suite 5121111121517  
 4270831 : 111101110101010010000010000000 Indif: 635 kMax: 5 Suite 4131111121517  
 4270839 : 111011110101010010000010000000 Indif: 634 kMax: 5 Suite 3141111121517  
 4271095 : 111011111101010010000010000000 Indif: 634 kMax: 5 Suite 316111121517  
 4275039 : 111110101101110010000010000000 Indif: 634 kMax: 5 Suite 511121321517  
 4275895 : 111011010111110010000010000000 Indif: 632 kMax: 5 Suite 312111521517  
 4280303 : 111101111111001010000010000000 Indif: 632 kMax: 5 Suite 4172111517  
 4281311 : 111110111100101010000010000000 Indif: 630 kMax: 5 Suite 514211111517  
 4281327 : 111101111100101010000010000000 Indif: 629 kMax: 5 Suite 415211111517

4281335 : 11101111110010101000001000000 Indif: 629 kMax: 5 Suite 316211111517  
 4282079 : 11111011011010101000001000000 Indif: 628 kMax: 5 Suite 51212111111517  
 4282095 : 11110111011010101000001000000 Indif: 624 kMax: 5 Suite 41312111111517  
 4303351 : 1110111111001010110000010000000 Indif: 624 kMax: 5 Suite 315211112517  
 4303863 : 11101111110101011000001000000 Indif: 622 kMax: 5 Suite 316111112517  
 4304351 : 11111011101101011000001000000 Indif: 621 kMax: 5 Suite 513121112517  
 4323179 : 11010110111011111000001000000 Indif: 621 kMax: 5 Suite 211121315517  
 4324267 : 11010101110111111000001000000 Indif: 619 kMax: 5 Suite 211111316517  
 4369887 : 11111011101101010100001000000 Indif: 614 kMax: 5 Suite 5131211111417  
 4369911 : 11101111101101010100001000000 Indif: 614 kMax: 5 Suite 3151211111417  
 4418287 : 11110111010101101100001000000 Indif: 614 kMax: 4 Suite 41311111212417  
 4447579 : 11011010111011111000010000000 Indif: 614 kMax: 4 Suite 21211111314417  
 4455339 : 11010101110111111100001000000 Indif: 614 kMax: 4 Suite 211111317417  
 4538091 : 11010111011111001010001000000 Indif: 614 kMax: 5 Suite 21113152111317  
 4542395 : 1101110111111001010100010000000 Indif: 614 kMax: 4 Suite 21315211111317  
 4542443 : 11010111111100101010001000000 Indif: 614 kMax: 5 Suite 21117211111317  
 4542447 : 11110111111100101010001000000 Indif: 614 kMax: 4 Suite 417211111317  
 4545511 : 11100111110110101010001000000 Indif: 614 kMax: 5 Suite 32512111111317  
 4549087 : 11111011100101101010001000000 Indif: 614 kMax: 5 Suite 51321121111317  
 4549111 : 11101111100101101010001000000 Indif: 613 kMax: 5 Suite 31521121111317  
 4550567 : 11100101111101101010001000000 Indif: 613 kMax: 4 Suite 32115211111317  
 4552651 : 11010011111011101010001000000 Indif: 613 kMax: 4 Suite 21125131111317  
 4565495 : 11101111100101011010001000000 Indif: 612 kMax: 4 Suite 31521111211317  
 4631031 : 11101111100101010110001000000 Indif: 610 kMax: 4 Suite 31521111112317  
 4709547 : 11010101001110111110001000000 Indif: 610 kMax: 4 Suite 21111112315317  
 5941751 : 111011111001010101101000000 Indif: 610 kMax: 4 Suite 315211111112117  
 Temps CPU: 12745 secondes. Total: 217 min:  
 Collier de 30 perles. N°gagnant: 4631031 = 11101111100101010110001000000 Nbr de gagnants: 3 4631031 4709547-  
 5941751 Indif=610 Max Indif Couple= 4 Moyenne : 122/87  
 Voir ci dessous

Tue 26 Feb 2013 21:06:54

**NucléoCollier de 30 Perles.** Recherche avec Zéros de 6 à 6 et kmax= 5

Calcul du collier 8388611 au collier 16777217 soit 8388606 colliers par pas de 4

8537127 : 111001000010001001000001000000 Indif: 733 kMax: 5 Suite 321413121516  
 8537131 : 110101000010001001000001000000 Indif: 725 kMax: 5 Suite 21111413121516  
 8537143 : 111011000010001001000001000000 Indif: 704 kMax: 5 Suite 312413121516  
 8537175 : 111010100010001001000001000000 Indif: 694 kMax: 5 Suite 31111313121516  
 8537183 : 111110100010001001000001000000 Indif: 683 kMax: 5 Suite 511313121516  
 8537311 : 111110110010001001000001000000 Indif: 677 kMax: 5 Suite 512213121516  
 8537339 : 110111110010001001000001000000 Indif: 676 kMax: 5 Suite 215213121516  
 8537423 : 111100101010001001000001000000 Indif: 671 kMax: 5 Suite 42111113121516  
 8537431 : 111010101010001001000001000000 Indif: 671 kMax: 5 Suite 3111111113121516  
 8537439 : 111110101010001001000001000000 Indif: 655 kMax: 5 Suite 51111113121516  
 8537567 : 111110111010001001000001000000 Indif: 648 kMax: 5 Suite 513113121516  
 8537591 : 111011111010001001000001000000 Indif: 645 kMax: 5 Suite 315113121516  
 8538863 : 111101110101001001000001000000 Indif: 641 kMax: 5 Suite 41311112121516  
 8539127 : 111011111101001001000001000000 Indif: 640 kMax: 5 Suite 316112121516  
 8539991 : 111010101111001001000001000000 Indif: 640 kMax: 5 Suite 31111142121516  
 8540119 : 111010111111001001000001000000 Indif: 635 kMax: 5 Suite 311162121516  
 8541167 : 111101111100101001000001000000 Indif: 635 kMax: 5 Suite 415211121516  
 8541175 : 111011111100101001000001000000 Indif: 632 kMax: 5 Suite 316211121516  
 8541563 : 110111101010101001000001000000 Indif: 632 kMax: 5 Suite 2141111111121516  
 8541663 : 111110111010101001000001000000 Indif: 626 kMax: 5 Suite 51311111121516  
 8541687 : 111011111010101001000001000000 Indif: 625 kMax: 5 Suite 31511111121516  
 8562671 : 111101111110010101000001000000 Indif: 624 kMax: 5 Suite 416211111516  
 8563675 : 110110111101010101000001000000 Indif: 624 kMax: 5 Suite 2121411111111516  
 8564191 : 111110111011010101000001000000 Indif: 618 kMax: 5 Suite 51312111111516  
 8564215 : 111011111011010101000001000000 Indif: 618 kMax: 5 Suite 31512111111516  
 8607223 : 111011111010101011000001000000 Indif: 618 kMax: 5 Suite 31511111112516



8612591 : 111101110101011011000001000000 Indif: 616 kMax: 5 Suite 41311111212516  
8641883 : 110110101011101111000001000000 Indif: 616 kMax: 5 Suite 21211111314516  
8738543 : 111101110110101010100001000000 Indif: 616 kMax: 4 Suite 413121111111416  
8738743 : 111011011110101010100001000000 Indif: 616 kMax: 5 Suite 312141111111416  
8739815 : 111001111101101010100001000000 Indif: 615 kMax: 4 Suite 32512111111416  
8825311 : 111110111001010101100001000000 Indif: 614 kMax: 5 Suite 51321111112416  
8825335 : 111011111001010101100001000000 Indif: 613 kMax: 4 Suite 31521111112416  
8836599 : 111011111010101101100001000000 Indif: 613 kMax: 4 Suite 31511111212416  
8841951 : 111110110101011101100001000000 Indif: 613 kMax: 5 Suite 51211111312416  
8846007 : 111011010101111101100001000000 Indif: 613 kMax: 4 Suite 31211111512416  
8903355 : 110111010101101111100001000000 Indif: 612 kMax: 4 Suite 21311111215416  
9076459 : 110101110111111001010001000000 Indif: 611 kMax: 4 Suite 21113162111316  
9098231 : 111011111100101101010001000000 Indif: 611 kMax: 5 Suite 31621121111316  
9105355 : 110100111111011101010001000000 Indif: 611 kMax: 4 Suite 21126131111316  
9130999 : 111011111100101011010001000000 Indif: 610 kMax: 4 Suite 31621111211316  
9262071 : 111011111100101010110001000000 Indif: 608 kMax: 4 Suite 3162111112316  
~~9428139 : 11010101001110111110001000000 Indif: 608 kMax: 4 Suite 21111112316316~~

Temps CPU: 25561 secondes. Total: 428 min.

**Collier de 30 perles.** N°gagnant: 9262071 = 11101111100101010110001000000 Nbr de gagnants: ~~2~~ 1 9262071-~~9428139~~  
Indif= 608 Max Indif Couple= 4 Moyenne : 608/435

Wed 27 Feb 2013 13:57:18

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

Calcul du collier 4194307 au collier 8388609 soit 4194302 colliers par pas de 4

4270135 : 111011000001010010000010000000 Indif: 756 kMax: 5 Suite 312511121518  
4270175 : 111110100001010010000010000000 Indif: 742 kMax: 5 Suite 511411121518  
4270191 : 111101100001010010000010000000 Indif: 731 kMax: 5 Suite 412411121518  
4270203 : 110111100001010010000010000000 Indif: 731 kMax: 5 Suite 214411121518  
4270295 : 111011100010100100000100000000 Indif: 720 kMax: 5 Suite 31112311121518  
4270303 : 111110110001010010000010000000 Indif: 709 kMax: 5 Suite 512311121518  
4270319 : 111101110001010010000010000000 Indif: 706 kMax: 5 Suite 413311121518  
4270327 : 111011110001010010000010000000 Indif: 706 kMax: 5 Suite 314311121518  
4270559 : 111110111001010010000010000000 Indif: 694 kMax: 5 Suite 513211121518  
4270583 : 111011111001010010000010000000 Indif: 692 kMax: 5 Suite 315211121518  
4270815 : 111110110101010010000010000000 Indif: 688 kMax: 5 Suite 51211111121518  
4270831 : 111101110101010010000010000000 Indif: 687 kMax: 5 Suite 41311111121518  
4270839 : 111011110101010010000010000000 Indif: 686 kMax: 5 Suite 31411111121518  
4271095 : 111011111101010010000010000000 Indif: 685 kMax: 5 Suite 316111121518  
4273655 : 111011111010110010000010000000 Indif: 685 kMax: 5 Suite 315111221518  
4275947 : 110101110111110010000010000000 Indif: 684 kMax: 5 Suite 211131521518  
4279775 : 111110111011001010000010000000 Indif: 684 kMax: 5 Suite 513122111518  
4279799 : 111011111011001010000010000000 Indif: 684 kMax: 5 Suite 315122111518  
4280247 : 111011011111001010000010000000 Indif: 684 kMax: 5 Suite 312152111518  
4280251 : 110111011111001010000010000000 Indif: 683 kMax: 5 Suite 213152111518  
4280279 : 111010111111001010000010000000 Indif: 683 kMax: 5 Suite 311162111518  
4280303 : 111101111111001010000010000000 Indif: 681 kMax: 5 Suite 4172111518  
4281311 : 111110111100101010000010000000 Indif: 680 kMax: 5 Suite 514211111518  
4281327 : 111101111100101010000010000000 Indif: 679 kMax: 5 Suite 415211111518  
4281335 : 111011111100101010000010000000 Indif: 679 kMax: 5 Suite 316211111518  
4282079 : 111110110110101010000010000000 Indif: 678 kMax: 5 Suite 51212111111518  
4282095 : 111101110110101010000010000000 Indif: 674 kMax: 5 Suite 41312111111518  
4302839 : 111011111110010110000010000000 Indif: 674 kMax: 5 Suite 3172112518  
4303327 : 111110111001010110000010000000 Indif: 674 kMax: 5 Suite 5132111112518  
4303351 : 111011111001010110000010000000 Indif: 673 kMax: 5 Suite 3152111112518  
4303863 : 111011111010101100000100000000 Indif: 671 kMax: 5 Suite 3161111112518  
4304351 : 111110111011010110000010000000 Indif: 669 kMax: 5 Suite 5131211112518  
4323179 : 110101101110111110000010000000 Indif: 669 kMax: 5 Suite 211121315518  
4324267 : 110101011101111110000010000000 Indif: 668 kMax: 5 Suite 211111316518  
4369887 : 111110111011010101000010000000 Indif: 662 kMax: 5 Suite 51312111111418

~~4369911 : 1110111110110101010000100000000 Indif: 662 kMax: 5 Suite 31512111111418~~  
~~4418287 : 1111011101010110110000100000000 Indif: 661 kMax: 5 Suite 41311111212418~~  
~~4447579 : 1101101010111011110000100000000 Indif: 661 kMax: 5 Suite 21211111314418~~  
~~4454235 : 1101101011101111110000100000000 Indif: 661 kMax: 5 Suite 212111316418~~  
~~4455339 : 1101010111011111110000100000000 Indif: 661 kMax: 5 Suite 211111317418~~  
~~4565495 : 1110111110010101101000100000000 Indif: 661 kMax: 5 Suite 31521111211318~~  
~~4630519 : 1110111111001010110001000000000 Indif: 661 kMax: 5 Suite 317211112318~~  
~~4631031 : 1110111110010101011000100000000 Indif: 659 kMax: 5 Suite 31521111112318~~  
~~4709547 : 1101010100111011110001000000000 Indif: 659 kMax: 5 Suite 21111112315318~~  
~~4886459 : 1101110111110001010100100000000 Indif: 659 kMax: 5 Suite 21315311111218~~  
~~4895735 : 1110111111001101010100100000000 Indif: 659 kMax: 5 Suite 31622111111218~~  
~~5067767 : 1110111111001010101100100000000 Indif: 656 kMax: 5 Suite 31621111112218~~  
~~5940215 : 1110111111000101010110100000000 Indif: 656 kMax: 5 Suite 31631111112118~~  
~~5941239 : 1110111111100101010110100000000 Indif: 655 kMax: 5 Suite 31721111112118~~  
~~5941751 : 1110111111001010101011010000000 Indif: 655 kMax: 5 Suite 315211111112118~~  
~~6278483 : 1100101010110011111110100000000 Indif: 655 kMax: 5 Suite 22111111227118~~  
 Temps CPU: 13797 secondes. Total: 227 min.  
 Collier de 31 perles. N°gagnant: 5941239 = 111011111100101010110100000000 Nbr de gagnants: 3 5941239 5941751 6278483 Indif= 655 Max Indif Couple= 5 Moyenne : 131/93

Thu 28 Feb 2013 00:31:07

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

Calcul du collier 9262071 au collier 16777217 soit 7515146 colliers par pas de 4

9262071 : 1110111111001010101100010000000 Indif: 651 kMax: 4 Suite 31621111112317

9428139 : 1101010100111011111000100000000 Indif: 651 kMax: 4 Suite 21111112316317

Temps CPU: 24196 secondes. Total: 405 min.

Collier de 31 perles. N°gagnant: 9262071 = 1110111111001010101100010000000 Nbr de gagnants: 2 9262071-9428139

Indif= 651 Max Indif Couple= 4 Moyenne : 7/5

Sat 23 Mar 2013 00:33:32

**NucléoCollier de Type 1 V-22 mars de 31 Perles.** Recherche avec 6 à 6 séries de zéros à droite et kmax= 5

Calcul du collier 16777219 au collier 33554433 soit 16777215 colliers par pas de 4

17074231 : {1,1,1,0,1,1,0,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 765 kMax: 5 Suite 312513121516

17074263 : {1,1,1,0,1,0,1,0,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 748 kMax: 5 Suite 31111413121516

17074287 : {1,1,1,1,0,1,1,0,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 737 kMax: 5 Suite 412413121516

17074299 : {1,1,0,1,1,1,1,0,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 737 kMax: 5 Suite 214413121516

17074351 : {1,1,1,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 729 kMax: 5 Suite 41111313121516

17074399 : {1,1,1,1,1,0,1,1,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 720 kMax: 5 Suite 512313121516

17074415 : {1,1,1,1,0,1,1,1,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 714 kMax: 5 Suite 413313121516

17074423 : {1,1,1,0,1,1,1,1,0,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 714 kMax: 5 Suite 314313121516

17074847 : {1,1,1,1,1,0,0,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 706 kMax: 5 Suite 52111113121516

17074863 : {1,1,1,1,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 705 kMax: 5 Suite 4111111113121516

17074871 : {1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 703 kMax: 5 Suite 3121111113121516

17074911 : {1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 693 kMax: 5 Suite 51211113121516

17074927 : {1,1,1,1,0,1,1,1,0,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 690 kMax: 5 Suite 41311113121516

17075183 : {1,1,1,1,0,1,1,1,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 690 kMax: 5 Suite 415113121516

17075191 : {1,1,1,0,1,1,1,1,1,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 685 kMax: 5 Suite 316113121516

17077727 : {1,1,1,1,1,0,1,1,1,0,1,0,1,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 680 kMax: 5 Suite 51311112121516

17080279 : {1,1,1,0,1,0,1,1,1,1,1,1,0,0,1,0,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 674 kMax: 5 Suite 311172121516

17082359 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,0,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 673 kMax: 5 Suite 317211121516

17083103 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 672 kMax: 5 Suite 5121111111121516

17083127 : {1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 671 kMax: 5 Suite 3141111111121516

17083359 : {1,1,1,1,1,0,1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 669 kMax: 5 Suite 51411111121516

17083375 : {1,1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 669 kMax: 5 Suite 41511111121516

17083383 : {1,1,1,0,1,1,1,1,1,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 668 kMax: 5 Suite 31611111121516

17094135 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 668 kMax: 5 Suite 31511111221516

17099487 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 666 kMax: 5 Suite 51211111321516

17103543 : {1,1,1,0,1,1,0,1,0,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 665 kMax: 5 Suite 31211111521516

17103703 : {1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,0,0,0,1,0,0,0,0,0,0,1,0,0,0,0,0} Indif: 664 kMax: 5 Suite 31111121521516

17128423 : {1,1,1,0,0,1,1,1,1,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 663 kMax: 5 Suite 32512111111516

17213423 : {1,1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 663 kMax: 5 Suite 416211112516  
 17213431 : {1,1,1,0,1,1,1,1,1,1,0,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 661 kMax: 5 Suite 317211112516  
 17213919 : {1,1,1,1,0,1,1,1,1,0,0,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 659 kMax: 5 Suite 5132111112516  
 17213943 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 659 kMax: 5 Suite 3152111112516  
 17225183 : {1,1,1,1,0,1,1,1,0,1,0,1,0,1,0,1,1,0,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 659 kMax: 5 Suite 51311111212516  
 17225207 : {1,1,1,0,1,1,1,1,1,0,1,0,1,0,1,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 659 kMax: 5 Suite 31511111212516  
 17230559 : {1,1,1,1,0,1,1,0,1,0,1,0,1,0,1,1,0,1,1,0,0,0,0,0,1,0,0,0,0,0} Indif: 658 kMax: 5 Suite 51211111312516  
 17291963 : {1,1,0,1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,0,0,0,0,0,1,0,0,0,0,0,0} Indif: 658 kMax: 5 Suite 21311111215516  
 17477087 : {1,1,1,1,0,1,1,1,0,1,1,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 657 kMax: 5 Suite 513121111111416  
 17477111 : {1,1,1,0,1,1,1,1,1,0,1,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 656 kMax: 5 Suite 315121111111416  
 17650679 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,0,0,0,0,1,0,0,0,0,0,0,0} Indif: 654 kMax: 4 Suite 3162111112416  
 17816747 : {1,1,0,1,0,1,0,1,0,0,1,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 654 kMax: 4 Suite 21111112316416  
 17816923 : {1,1,0,1,1,0,1,0,1,0,1,1,1,0,1,1,1,1,1,0,0,0,0,1,0,0,0,0,0,0} Indif: 654 kMax: 4 Suite 21211111316416  
 18128855 : {1,1,1,0,1,0,1,1,1,1,1,1,1,0,0,1,0,0,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 654 kMax: 4 Suite 31117212111316  
 18148063 : {1,1,1,1,1,0,1,1,0,1,0,1,0,1,1,1,0,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 654 kMax: 5 Suite 5121111132111316  
 18152119 : {1,1,1,0,1,1,0,1,0,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 654 kMax: 5 Suite 3121111152111316  
 18152279 : {1,1,1,0,1,0,1,0,1,1,0,1,1,1,1,1,0,0,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 652 kMax: 5 Suite 3111112152111316  
 18180599 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 652 kMax: 5 Suite 315211211111316  
 18262519 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,1,0,1,0,0,0,1,0,0,0,0,0} Indif: 652 kMax: 5 Suite 315211111211316  
 18523639 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,0,1,0,0,0,1,0,0,0,0,0,0} Indif: 651 kMax: 4 Suite 315112111112316  
~~18524151 : {1,1,1,0,1,1,1,1,1,0,0,1,0,1,0,1,0,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 651 kMax: 4 Suite 3172111112316~~  
~~18865323 : {1,1,0,1,0,1,0,1,0,0,1,1,1,0,1,1,1,1,1,0,0,0,1,0,0,0,0,0,0,0} Indif: 651 kMax: 4 Suite 21111112317316~~

Temps CPU: 60267 secondes. Total: 61812 secondes.

Collier de 31 perles. N°du 1er gagnant: 18523639 Forme : 315112111112316 Nbr de gagnants: 3 1

Indif= 651 Max Indif Couple= 4 Moyenne : 7/5

{315112111112316,3172111112316,21111112317316}