Házi feladat
Digitális technika I. tantárgyból
2005/2006. tanév I. félév

<u>Témakör</u>: Kombinációs hálózatok

<u>Feladat bemutatása</u>: Szóbeli vizsgán

<u>Függvény:</u> *A saját függvényét a következő oldaltól kezdődő táblázatban találja meg.*
Minden függvény 5 változós!

<u>Megjegyzések:</u>
a) A házi feladathoz csatoljon előlapot, mely tartalmazza az ön által megoldott függvényt, az ön nevét, neptun kódját, és a tanévet.
b) Feladatmegoldás közben törekedjen az egyértelmű és áttekinthető munkára.
c) Elektronikus formában beadott házi feladatot nem áll módunkban elfogadni.
d) A függvény megadásánál a pluszjel után található számok határozatlan függvényértékekre utalnak.
e) A változókat és a súlyukat egyértelműen adja meg az igazságtáblázat felírása előtt.
f) Függvényegyszerűsítésre Karnaugh-táblázatos módszert használjon. Az összevonásokat egyértelműen jelezze.

<u>Feladatok:</u>
a) Írja fel az **F** függvény igazságtáblázatát.
b) Írja fel az **F** függvény diszjunktív kanonikus alakját.
c) Írja fel az **F** függvény konjuktív kanonikus alakját.
d) Határozza meg az **F** függvény legegyszerűbb alakját diszjunktív formában.
e) Határozza meg az **F** függvény legegyszerűbb alakját konjuktív formában.
f) A d) és az e) megoldásból válassza ki az ön által egyszerűbbnek vélt alakot. Döntését röviden indokolja.
g) Készítse el az f) pontban választott függvényt megvalósító logikai vázlatot! A vázlatban kizárólag univerzális, kapukat használjon! Az áramkör bemenetén a változók csak ponált formában állnak rendelkezésre.
h) Ellenőrizze, hogy az ön által választott függvény tartalmaz-e statikus hazárdot. Ha keletkezhet hazárd, akkor határozza meg a keletkezés feltételét, és egyértelműen jelölje (például más színnel rajzolja be) a függvény egyszerűsítésénél használt Karnaugh-táblán is.
i) Adja meg a függvény legegyszerűbb hazárdmentes alakját.
j) Egészítse ki a g) pontban készített logikai vázlatot hazárdmentésítést megvalósító kapukkal. Ha a módosítást az eredeti logikai vázlaton végzi el, akkor azt egyértelműen jelölje (például más színnel rajzolja be).

sz	Neptun kód	Függvény
1	A0832D	F = Π (31, 30, 27, 24, 23, 22, 15, 14, 13, 12, 11, 10, 9, 8, 5, 4) X = (26, 25, 18, 17, 3, 0)
2	A0BVRY	F = Π (31, 29, 28, 27, 22, 21, 20, 18, 15, 13, 12, 11, 6, 5, 4, 2) X = (17, 16, 8)
3	A0CL01	F = Σ (2, 3, 4, 5, 10, 11, 12, 13, 24, 25, 26, 29, 31) X = (27, 28, 30)
4	A0EEGX	F = Σ (1, 5, 13, 15, 16, 18, 21, 23, 24, 26, 29, 31) X = (0, 3, 9, 12)
5	A0MZVT	F = Σ (8, 10, 12, 14, 16, 17, 19, 23, 25, 27, 29, 31) X = (0, 3, 18, 20)
6	A5YK23	F = Σ (2, 3, 6, 7, 12, 13, 15, 16, 17, 20, 21, 28, 31) X = (14, 29, 30)
7	A6ZIS6	F = Σ (3, 4, 5, 7, 8, 9, 19, 20, 21, 24, 25, 27, 31) X = (11, 15, 23)
8	A7K2BK	F = Π (31, 30, 29, 28, 27, 25, 22, 20, 14, 12, 7, 6, 5, 4, 3, 1) X = (16, 10, 2)
9	A8BAD3	F = Π (30, 29, 28, 26, 24, 23, 21, 20, 18, 16, 12, 11, 9, 5, 3, 1) X = (31, 22, 13, 7)
10	A8HNXL	F = Σ (0, 1, 2, 6, 7, 9, 11, 15, 16, 18, 22, 23, 27, 31) X = (13, 29)
11	A9DF58	F = Π (31, 30, 29, 27, 25, 19, 18, 17, 15, 14, 11, 9, 5, 3, 2, 1) X = (24, 21, 20, 13, 12, 0)
12	A9GOLZ	F = Π (31, 29, 28, 26, 25, 24, 23, 18, 15, 13, 12, 10, 9, 8, 7, 2) X = (17, 16, 4)
13	AAGK2A	F = Σ (0, 4, 16, 18, 19, 22, 23, 25, 27, 29, 30, 31) X = (1, 9, 13, 20, 26)
14	AAM797	F = Π (30, 29, 28, 24, 23, 21, 20, 17, 14, 12, 11, 9, 6, 4, 3, 1) X = (31, 25, 22, 19)
15	AC0X4H	F = Π (31, 30, 25, 24, 23, 21, 19, 17, 15, 14, 9, 8, 7, 5, 3, 1) X = (20, 16, 2)
16	ADVIW6	F = Π (31, 30, 29, 28, 23, 21, 19, 17, 11, 10, 9, 8, 7, 5, 3, 1) X = (18, 4, 2)
17	AIH5BH	F = Σ (3, 4, 6, 10, 15, 20, 22, 23, 26, 27) X = (5, 7, 11, 17, 19, 31)
18	AQSICT	F = Σ (1, 3, 6, 10, 15, 17, 19, 23, 26, 30) X = (5, 7, 14, 20, 22, 31)
19	AQUEIJ	F = Σ (4, 5, 6, 7, 9, 11, 17, 23, 27, 29) X = (18, 19, 20, 21, 25, 31)
20	ARWX28	F = Π (30, 27, 26, 24, 22, 21, 18, 17, 15, 11, 10, 9, 6, 5, 2, 1) X = (31, 25, 14, 13)
21	AT9CI5	F = Σ (0, 1, 2, 6, 7, 14, 15, 23, 26, 27, 30, 31) X = (3, 8, 22, 24, 25)
22	AU1XNP	F = Π (26, 25, 24, 23, 22, 19, 18, 15, 14, 13, 12, 10, 7, 6, 5, 4) X = (3, 2)
23	AU2PSJ	F = Π (28, 27, 26, 25, 24, 23, 22, 19, 18, 17, 16, 13, 12, 7, 6) X = (29, 21, 20, 14, 3)
24	AWJELW	F = Σ (2, 3, 8, 9, 18, 19, 20, 21, 22, 24, 25, 29, 31) X = (23, 28, 30)
25	AWOTEE	F = Π (30, 28, 25, 22, 20, 19, 17, 15, 14, 13, 12, 11, 10, 9, 8) X = (27, 26, 24, 21, 6)
26	AWU3CE	F = Π (28, 27, 26, 25, 24, 23, 22, 20, 19, 18, 13, 12, 7, 6, 3, 2) X = (17, 16)
27	AYNTZ6	F = Π (28, 25, 24, 23, 21, 19, 17, 15, 14, 11, 10, 7, 5, 3, 1) X = (29, 26, 13, 9, 6)
28	B3YWEO	F = Σ (0, 2, 3, 7, 14, 15, 16, 19, 23, 27, 30, 31) X = (4, 11, 12, 18, 28)
29	B59DVG	F = Σ (0, 1, 2, 3, 10, 11, 16, 20, 22, 23, 26, 27, 30, 31) X = (28, 29)
30	B6O6SE	F = Π (30, 28, 26, 24, 23, 22, 21, 20, 18, 16, 13, 12, 11, 9, 7, 5) X = (6, 4)
31	B76375	F = Π (30, 29, 28, 26, 25, 24, 21, 20, 19, 17, 16, 14, 10, 7, 3) X = (23, 22, 18, 12, 11)
32	BC5IP7	F = Σ (0, 2, 3, 4, 7, 15, 19, 23, 26, 27, 30, 31) X = (6, 11, 16, 24, 28)
33	BCPOYB	F = Σ (1, 3, 6, 7, 8, 10, 17, 19, 22, 24, 26, 30, 31) X = (14, 15, 23)
34	BD2YPX	F = Σ (2, 3, 10, 11, 12, 13, 15, 16, 17, 24, 25, 28, 31) X = (14, 29, 30)
35	BETQII	F = Π (28, 26, 24, 23, 21, 19, 17, 15, 14, 13, 12, 7, 6, 5, 4) X = (30, 25, 22, 20, 3)
36	BG1PN1	F = Σ (2, 6, 10, 14, 16, 17, 19, 23, 25, 27, 29, 31) X = (0, 9, 20, 24)
37	BIUQA1	F = Σ (0, 8, 10, 13, 14, 15, 16, 26, 27, 29, 30, 31) X = (4, 5, 11, 21, 24)
38	BJT8DP	F = Σ (1, 2, 5, 10, 11, 14, 15, 17, 21, 27, 30, 31) X = (0, 6, 12, 18)
39	BLEYL4	F = Σ (4, 6, 8, 10, 17, 19, 20, 21, 22, 24, 26, 27, 31) X = (23, 25, 29)
40	BLLNCH	F = Σ (9, 10, 13, 15, 16, 20, 24, 27, 28, 30) X = (6, 11, 14, 18, 26, 31)
41	BLYR21	F = Σ (1, 3, 6, 9, 11, 14, 18, 23, 27, 30) X = (17, 19, 22, 24, 26, 31)
42	BMTEJK	F = Σ (6, 7, 10, 15, 16, 17, 18, 19, 27, 30) X = (9, 11, 14, 24, 26, 31)
43	BN1Z0G	F = Σ (0, 2, 16, 20, 22, 23, 25, 27, 28, 29, 30, 31) X = (8, 9, 11, 18, 21)
44	BPBPGK	F = Π (30, 27, 26, 25, 22, 21, 18, 14, 13, 12, 11, 10, 9, 6, 5, 2) X = (24, 8)
45	BQSC8K	F = Σ (2, 3, 4, 5, 18, 19, 20, 21, 24, 25, 26, 29, 31) X = (27, 28, 30)
46	BQW5FE	F = Π (30, 28, 25, 24, 23, 22, 21, 20, 19, 17, 14, 12, 11, 9, 6, 4) X = (18, 16)
47	BRB6K4	F = Σ (0, 1, 16, 22, 23, 24, 25, 27, 28, 29, 30, 31) X = (4, 6, 7, 17, 26)
48	BS6NJR	F = Σ (0, 1, 8, 14, 15, 24, 25, 26, 27, 29, 30, 31) X = (2, 6, 7, 9, 28)
49	BT5EKJ	F = Σ (4, 5, 6, 7, 16, 24, 25, 27, 28, 29, 30, 31) X = (0, 9, 17, 18)
50	BTHH1K	F = Π (28, 27, 26, 23, 20, 18, 15, 12, 11, 10, 9, 7, 5, 4, 3, 2) X = (31, 21, 19, 13)
51	BU6KSH	F = Σ (2, 3, 4, 7, 11, 12, 15, 20, 23, 27, 28, 31) X = (0, 9, 10, 18)
52	BUUF4N	F = Π (30, 29, 28, 24, 23, 21, 20, 17, 11, 10, 9, 8, 7, 6, 5, 4) X = (31, 26, 25, 22)
53	BV9GNE	F = Π (30, 27, 26, 25, 24, 22, 21, 14, 11, 10, 9, 8, 7, 6, 5, 3) X = (18, 2)
54	C1ERFP	F = Σ (6, 8, 9, 10, 11, 15, 18, 19, 23, 30) X = (5, 7, 12, 14, 22, 31)
55	C1J9UM	F = Π (30, 28, 27, 26, 21, 19, 18, 14, 13, 12, 11, 10, 9, 5, 3, 2) X = (24, 8)
56	C7MT99	F = Π (29, 28, 26, 25, 24, 23, 21, 19, 18, 17, 14, 10, 7, 5, 3, 1) X = (20, 16)
57	C8MQ3J	F = Π (28, 27, 25, 23, 22, 19, 18, 14, 12, 11, 9, 7, 6, 3, 2) X = (30, 26, 17, 13, 10)

sz	Neptun kód	Függvény
58	C92GL8	F = Π (31, 29, 27, 24, 23, 21, 15, 14, 13, 12, 11, 10, 9, 8, 6, 4) X = (26, 25, 18, 17, 3, 0)
59	C9OQDR	F = Σ (0, 2, 3, 4, 8, 11, 12, 15, 24, 26, 27, 28, 30, 31) X = (19, 23)
60	CAUX0B	F = Π (30, 25, 24, 23, 22, 18, 17, 16, 15, 13, 12, 7, 6, 5, 4, 3) X = (31, 26, 19, 14)
61	CBIFUH	F = Π (31, 30, 29, 28, 25, 24, 23, 22, 13, 12, 11, 10, 9, 8, 3, 2) X = (17, 4, 1)
62	CCQJOI	F = Σ (0, 1, 2, 4, 6, 9, 13, 15, 20, 21, 22, 23, 29, 31) X = (25, 27)
63	CDRNUQ	F = Π (31, 29, 27, 26, 23, 21, 19, 18, 14, 12, 11, 10, 6, 4, 3, 2) X = (16, 9, 8)
64	CGCW5E	F = Σ (0, 2, 16, 20, 22, 23, 25, 27, 28, 29, 30, 31) X = (8, 9, 11, 18, 21)
65	CHADCC	F = Π (29, 28, 26, 25, 24, 23, 22, 21, 20, 17, 16, 11, 10, 7, 6) X = (27, 19, 18, 14, 5)
66	CIU52C	F = Σ (4, 5, 6, 7, 9, 15, 17, 19, 27, 29) X = (10, 11, 12, 13, 25, 31)
67	CJJIN7	F = Π (31, 30, 29, 28, 27, 26, 24, 23, 21, 14, 12, 10, 9, 8, 6, 4) X = (25, 18, 17, 11, 3, 0)
68	CL6I1D	F = Σ (4, 5, 6, 7, 8, 9, 10, 11, 17, 19, 21, 27, 31) X = (23, 25, 29)
69	CLRKML	F = Π (31, 29, 27, 25, 23, 22, 21, 20, 14, 12, 10, 8, 7, 6, 5, 4) X = (18, 2, 1)
70	CLRVJI	F = Π (31, 29, 28, 26, 25, 24, 23, 21, 20, 18, 17, 16, 15, 10, 7, 2) X = (9, 8, 4)
71	CNQDBB	F = Σ (2, 6, 7, 15, 16, 17, 22, 23, 24, 25, 30, 31) X = (0, 3, 5, 10)
72	CQHB7Y	F = Σ (0, 2, 4, 12, 14, 15, 21, 23, 28, 29, 30, 31) X = (6, 13, 16, 17, 19)
73	CQRKBY	F = Π (31, 29, 27, 25, 23, 22, 21, 20, 18, 16, 15, 12, 7, 6, 5, 4) X = (14, 13, 10, 9, 3, 0)
74	CXFC0Z	F = Π (31, 30, 28, 27, 23, 22, 20, 19, 14, 13, 12, 9, 6, 5, 4, 1) X = (24, 8, 2)
75	CYTXAF	F = Π (28, 27, 26, 23, 20, 18, 15, 12, 11, 10, 9, 7, 5, 4, 3, 2) X = (31, 21, 19, 13)
76	CSYJZA	F = Σ (0, 4, 8, 10, 16, 17, 20, 21, 25, 26, 27, 29, 30, 31) X = (11, 15)
77	D2DDUE	F = Π (29, 28, 25, 24, 22, 19, 18, 15, 13, 11, 9, 7, 5, 3, 1) X = (26, 23, 21, 17, 12)
78	D327Z1	F = Π (31, 30, 29, 28, 26, 24, 23, 21, 18, 16, 15, 14, 12, 10, 9, 8) X = (13, 11, 6, 5, 3, 0)
79	D4AV2A	F = Π (29, 27, 25, 24, 23, 19, 18, 17, 14, 12, 10, 8, 7, 5, 3, 1) X = (31, 28, 26, 21)
80	D5EZGB	F = Π (30, 29, 23, 22, 21, 20, 18, 17, 13, 12, 11, 10, 5, 4, 3, 2) X = (31, 28, 26, 19)
81	D7U19N	F = Π (28, 25, 24, 23, 22, 20, 19, 18, 15, 14, 13, 12, 7, 6, 3, 2) X = (5, 4)
82	D93OJT	F = Σ (1, 3, 9, 11, 12, 14, 15, 16, 18, 24, 26, 28, 31) X = (13, 29, 30)
83	DA28NN	F = Σ (4, 5, 8, 10, 13, 15, 21, 23, 24, 26, 29, 31) X = (0, 6, 17, 20)
84	DAJRDM	F = Π (30, 29, 28, 26, 22, 21, 20, 19, 18, 17, 13, 12, 11, 5, 4, 3) X = (24, 16)
85	DBQGHR	F = Σ (1, 3, 4, 6, 17, 19, 20, 22, 24, 25, 26, 30, 31) X = (27, 28, 29)
86	DGORET	F = Σ (5, 8, 9, 10, 11, 15, 17, 19, 23, 29) X = (6, 7, 12, 13, 21, 31)
87	DGWIL9	F = Π (29, 28, 27, 25, 22, 19, 17, 14, 13, 12, 11, 10, 9, 6, 3, 1) X = (24, 8)
88	DIAI1F	F = Σ (1, 3, 4, 6, 17, 19, 20, 22, 24, 26, 27, 28, 31) X = (25, 29, 30)
89	DLB4ZM	F = Σ (0, 2, 8, 12, 13, 14, 15, 25, 27, 29, 30, 31) X = (1, 10, 17, 19, 28)
90	DLEE2L	F = Π (31, 29, 28, 27, 24, 23, 21, 20, 19, 16, 15, 13, 12, 6, 5, 4) X = (14, 10, 9, 7, 3, 0)
91	DP9VBX	F = Σ (0, 1, 4, 11, 15, 17, 19, 21, 23, 27, 29, 31) X = (2, 5, 10, 14, 25)
92	DRC4BC	F = Π (31, 30, 29, 27, 26, 25, 22, 18, 14, 10, 7, 6, 5, 3, 2, 1) X = (16, 12, 4)
93	DRS9MT	F = Σ (1, 5, 6, 12, 15, 17, 21, 23, 28, 30) X = (3, 7, 14, 18, 22, 31)
94	DRSRZL	F = Σ (1, 3, 9, 11, 12, 13, 14, 16, 18, 24, 26, 30, 31) X = (15, 28, 29)
95	DTUHI0	F = Π (30, 29, 28, 26, 25, 24, 22, 20, 18, 16, 13, 11, 10, 9, 7, 3) X = (12, 8)
96	E1FH7B	F = Σ (0, 8, 10, 13, 14, 15, 16, 26, 27, 29, 30, 31) X = (4, 5, 11, 21, 24)
97	E2AIK5	F = Σ (2, 3, 4, 10, 11, 20, 22, 23, 28, 29, 30, 31) X = (0, 5, 12, 24)
98	E3NELW	F = Σ (2, 3, 10, 11, 12, 13, 14, 16, 17, 24, 25, 29, 31) X = (15, 28, 30)
99	E3ZJM3	F = Σ (0, 2, 3, 4, 7, 11, 15, 23, 26, 27, 30, 31) X = (6, 8, 19, 24, 28)
100	E5ZJQL	F = Σ (2, 10, 14, 15, 16, 17, 20, 21, 26, 27, 30, 31) X = (0, 3, 6, 12)
101	E637D7	F = Σ (0, 1, 8, 12, 13, 15, 26, 27, 28, 29, 30, 31) X = (9, 14, 16, 18, 19)
102	E9BS81	F = Σ (0, 1, 3, 4, 7, 12, 13, 15, 16, 20, 23, 28, 29, 31) X = (11, 27)
103	EAOQNT	F = Σ (1, 3, 5, 7, 8, 24, 25, 27, 28, 29, 30, 31) X = (0, 10, 12, 20)
104	EAS1AA	F = Π (30, 28, 27, 26, 25, 24, 19, 18, 17, 16, 14, 13, 12, 9, 7, 5) X = (10, 8)
105	EB0CLZ	F = Σ (1, 2, 5, 6, 9, 10, 13, 14, 20, 21, 28, 30, 31) X = (22, 23, 29)
106	ECGQP3	F = Π (27, 26, 25, 24, 22, 21, 20, 15, 13, 11, 9, 7, 5, 3, 1) X = (28, 23, 19, 17, 10)
107	EEUA54	F = Σ (0, 1, 3, 4, 5, 7, 16, 19, 23, 24, 25, 27, 29, 31) X = (26, 30)
108	EGGFRA	F = Π (30, 28, 27, 24, 23, 22, 20, 19, 18, 16, 13, 9, 6, 5, 3, 1) X = (31, 26, 11, 7)
109	EGZ9A5	F = Σ (1, 3, 9, 11, 16, 20, 21, 23, 28, 29, 30, 31) X = (0, 12, 18, 24)
110	EHGRGO	F = Π (31, 30, 27, 25, 23, 22, 19, 17, 13, 12, 11, 9, 5, 4, 3, 1) X = (16, 10, 8)
111	EJ7LHI	F = Σ (0, 1, 2, 5, 7, 8, 10, 15, 18, 19, 23, 26, 27, 31) X = (21, 29)
112	ELVS69	F = Σ (3, 4, 6, 12, 14, 15, 18, 23, 26, 27) X = (5, 7, 9, 11, 19, 31)
113	EPB5JY	F = Π (31, 30, 28, 27, 26, 24, 23, 20, 19, 16, 15, 14, 12, 10, 9, 8) X = (13, 11, 6, 5, 3, 0)
114	EPGCUY	F = Π (31, 29, 27, 25, 23, 20, 15, 14, 13, 12, 10, 8, 7, 6, 5, 4) X = (22, 21, 18, 17, 3, 0)

sz	Neptun kód	Függvény
115	EQGN66	F = Π (30, 29, 28, 26, 24, 21, 19, 14, 13, 12, 10, 8, 7, 6, 5, 3) X = (20, 4)
116	EQTX3F	F = Σ (0, 2, 4, 8, 9, 10, 11, 13, 15, 20, 28, 29, 30, 31) X = (21, 23)
117	ETF3AQ	F = Σ (1, 3, 6, 9, 11, 14, 15, 16, 18, 22, 24, 26, 31) X = (7, 23, 30)
118	EX909A	F = Σ (1, 3, 5, 7, 8, 10, 12, 14, 20, 21, 22, 30, 31) X = (23, 28, 29)
119	EXLZGW	F = Π (30, 28, 26, 25, 24, 19, 17, 15, 14, 13, 12, 9, 7, 6, 5, 4) X = (10, 8)
120	EXNDHU	F = Σ (2, 5, 6, 10, 13, 14, 15, 16, 20, 21, 24, 28, 31) X = (7, 23, 29)
121	EXXRA9	F = Σ (2, 10, 11, 15, 16, 17, 20, 21, 26, 27, 30, 31) X = (0, 3, 6, 9)
122	F16PGR	F = Π (31, 29, 27, 25, 23, 22, 21, 20, 18, 16, 15, 12, 7, 6, 5, 4) X = (14, 13, 10, 9, 3, 0)
123	F1LVZU	F = Π (28, 26, 24, 23, 22, 21, 20, 15, 13, 12, 11, 9, 7, 5, 3, 1) X = (6, 4)
124	F23IKH	F = Σ (3, 6, 14, 15, 16, 18, 23, 24, 26, 27) X = (7, 9, 11, 17, 19, 31)
125	F2G7P4	F = Π (31, 29, 26, 24, 23, 22, 19, 18, 15, 13, 10, 8, 7, 6, 3, 2) X = (20, 16, 1)
126	F2XSCL	F = Σ (0, 1, 4, 9, 16, 18, 19, 20, 22, 23, 25, 27, 29, 31) X = (11, 15)
127	F4WUJN	F = Π (30, 28, 26, 25, 24, 21, 17, 15, 14, 12, 11, 10, 8, 7, 3) X = (29, 19, 13, 9, 6)
128	F7P5F0	F = Σ (3, 6, 8, 10, 15, 19, 23, 24, 26, 30) X = (7, 12, 14, 20, 22, 31)
129	FBGGEE	F = Π (29, 27, 26, 25, 24, 22, 21, 19, 18, 17, 16, 14, 13, 6, 5) X = (30, 28, 20, 9, 7)
130	FF9HFL	F = Π (28, 27, 26, 25, 24, 23, 21, 19, 18, 17, 16, 14, 12, 7, 5) X = (30, 22, 20, 13, 3)
131	FFQA06	F = Σ (1, 3, 5, 7, 10, 14, 18, 23, 27, 30) X = (17, 19, 20, 22, 26, 31)
132	FG3WFB	F = Π (30, 26, 25, 24, 22, 21, 18, 17, 15, 14, 13, 11, 10, 9, 6, 2) X = (12, 8)
133	FH025B	F = Π (31, 30, 27, 26, 23, 22, 21, 20, 13, 12, 9, 8, 7, 6, 5, 4) X = (16, 3, 1)
134	FK74LQ	F = Σ (0, 2, 8, 9, 11, 15, 25, 27, 28, 29, 30, 31) X = (10, 13, 16, 20, 22)
135	FM8KS5	F = Π (30, 26, 25, 24, 23, 22, 21, 19, 18, 17, 14, 13, 10, 9, 6, 2) X = (20, 16)
136	FMH61P	F = Σ (0, 2, 8, 12, 14, 15, 25, 27, 28, 29, 30, 31) X = (10, 13, 16, 17, 19)
137	FOD94Z	F = Σ (6, 8, 9, 10, 11, 15, 18, 19, 23, 30) X = (5, 7, 12, 14, 22, 31)
138	FOTG98	F = Π (31, 30, 29, 25, 24, 23, 22, 21, 17, 16, 15, 13, 9, 5, 3, 1) X = (12, 11, 10, 7, 6, 0)
139	FQD6R0	F = Π (31, 29, 28, 27, 25, 24, 23, 21, 20, 18, 17, 16, 15, 12, 11, 8) X = (22, 19, 6, 5, 3, 0)
140	FQPG76	F = Π (31, 30, 27, 26, 25, 24, 21, 20, 19, 18, 17, 16, 15, 14, 5, 4) X = (8, 3, 1)
141	FQWQQ4	F = Π (31, 29, 27, 25, 23, 20, 15, 14, 13, 12, 10, 8, 7, 6, 5, 4) X = (22, 21, 18, 17, 3, 0)
142	FSJ5QS	F = Π (31, 29, 27, 25, 22, 20, 18, 16, 15, 14, 11, 10, 7, 6, 3, 2) X = (8, 5, 4)
143	FSRQQ0	F = Σ (0, 1, 3, 8, 11, 12, 13, 15, 16, 24, 27, 28, 29, 31) X = (7, 23)
144	FU0HVI	F = Σ (0, 2, 8, 9, 16, 18, 20, 22, 25, 27, 28, 29, 30, 31) X = (13, 15)
145	FUOVF7	F = Σ (0, 1, 2, 3, 8, 12, 14, 15, 18, 19, 26, 27, 30, 31) X = (28, 29)
146	FVPUMK	F = Π (30, 28, 27, 26, 25, 24, 22, 21, 20, 17, 11, 10, 9, 8, 7, 5) X = (18, 16)
147	FVY03H	F = Σ (1, 2, 5, 7, 10, 15, 18, 21, 23, 26, 29, 31) X = (0, 9, 17, 20)
148	FX7M22	F = Π (30, 25, 24, 23, 22, 20, 17, 16, 15, 14, 12, 11, 10, 6, 3, 2) X = (31, 28, 21, 7)
149	FYDHK5	F = Π (29, 27, 26, 25, 21, 19, 18, 17, 14, 13, 9, 7, 6, 5, 1) X = (24, 22, 15, 11, 3)
150	FZPR6E	F = Σ (0, 1, 5, 8, 9, 13, 16, 18, 19, 21, 23, 27, 29, 31) X = (22, 30)
151	G0HHDH	F = Σ (1, 3, 17, 19, 20, 23, 24, 26, 29, 30) X = (5, 6, 21, 22, 28, 31)
152	G136SL	F = Π (30, 29, 28, 23, 21, 20, 19, 18, 17, 16, 12, 11, 10, 9, 8, 5) X = (31, 22, 14, 13)
153	G2R63H	F = Σ (0, 1, 4, 11, 15, 17, 21, 23, 25, 27, 29, 31) X = (5, 8, 10, 14, 19)
154	G3IYHR	F = Π (30, 27, 25, 24, 21, 20, 15, 14, 11, 10, 9, 8, 6, 5, 4, 3) X = (31, 26, 22, 7)
155	G5G27J	F = Π (28, 27, 25, 22, 20, 19, 17, 15, 14, 11, 10, 7, 6, 3, 2) X = (30, 26, 21, 18, 9)
156	G6HOO6	F = Σ (0, 2, 4, 5, 7, 8, 12, 13, 15, 18, 22, 23, 30, 31) X = (19, 27)
157	G9A38K	F = Σ (0, 4, 6, 8, 9, 13, 14, 15, 16, 20, 22, 29, 30, 31) X = (11, 27)
158	GA973F	F = Σ (4, 5, 8, 10, 13, 15, 21, 23, 24, 26, 29, 31) X = (0, 6, 17, 20)
159	GBTNLV	F = Π (31, 30, 29, 27, 26, 25, 21, 17, 13, 9, 7, 6, 5, 3, 2, 1) X = (16, 12, 4)
160	GC58ZH	F = Π (31, 30, 29, 27, 25, 23, 22, 19, 17, 11, 10, 9, 5, 3, 2, 1) X = (24, 21, 20, 13, 12, 0)
161	GC8WQ2	F = Π (28, 27, 26, 23, 21, 19, 17, 14, 12, 11, 10, 7, 6, 5, 3, 1) X = (18, 2)
162	GD4WCS	F = Π (28, 25, 24, 23, 21, 19, 17, 15, 14, 11, 10, 9, 7, 6, 3, 2) X = (5, 1)
163	GDIZOE	F = Π (31, 30, 29, 28, 23, 18, 15, 14, 11, 10, 9, 8, 7, 6, 3, 2) X = (22, 20, 19, 17, 5, 0)
164	GDPYU2	F = Σ (2, 3, 18, 19, 20, 23, 24, 25, 29, 30) X = (5, 6, 21, 22, 28, 31)
165	GEPTJ6	F = Π (27, 25, 22, 21, 20, 19, 17, 15, 14, 13, 12, 11, 10, 9, 8, 5) X = (3, 1)
166	GI9VTV	F = Π (31, 30, 29, 25, 23, 22, 21, 17, 13, 11, 10, 9, 5, 3, 2, 1) X = (16, 12, 8)
167	GJ2VXO	F = Π (30, 27, 26, 24, 21, 20, 17, 16, 15, 11, 10, 9, 7, 6, 3, 2) X = (31, 28, 25, 14)
168	GKQRFV	F = Σ (0, 2, 3, 11, 14, 15, 16, 19, 23, 27, 30, 31) X = (7, 8, 12, 18, 28)
169	GLAQRP	F = Π (29, 27, 25, 24, 22, 20, 19, 17, 15, 13, 12, 9, 6, 4, 3, 1) X = (31, 28, 14, 11)
170	GLC9GR	F = Σ (4, 5, 6, 7, 16, 24, 25, 27, 28, 29, 30, 31) X = (0, 9, 17, 18)
171	GLP263	F = Π (27, 26, 22, 21, 20, 19, 18, 15, 14, 13, 12, 11, 10, 3, 2) X = (28, 23, 9, 7, 6)

sz	Neptun kód	Függvény
172	GOLJFM	F = Π (28, 27, 25, 24, 22, 20, 19, 17, 15, 14, 13, 12, 11, 9, 3, 1) X = (10, 8)
173	GP6C1I	F = Σ (0, 2, 4, 8, 9, 10, 11, 13, 15, 20, 28, 29, 30, 31) X = (21, 23)
174	GPY0Y4	F = Π (28, 27, 26, 24, 23, 22, 21, 20, 19, 18, 13, 12, 11, 10, 3, 2) X = (17, 16)
175	GQK9QR	F = Σ (2, 3, 6, 7, 12, 15, 20, 21, 29, 30) X = (9, 10, 13, 14, 28, 31)
176	GRB9TL	F = Π (31, 29, 27, 23, 20, 19, 15, 14, 13, 12, 10, 7, 6, 5, 4, 2) X = (28, 24, 21, 17, 9, 0)
177	GSBP2A	F = Π (31, 30, 28, 26, 25, 24, 23, 22, 20, 18, 17, 16, 15, 9, 7, 1) X = (12, 8, 2)
178	GSKIIT	F = Π (30, 27, 26, 21, 20, 18, 17, 16, 15, 14, 13, 12, 10, 9, 8, 6) X = (31, 22, 19, 11)
179	GTUR5G	F = Π (31, 30, 29, 26, 22, 19, 18, 17, 15, 14, 13, 10, 6, 3, 2, 1) X = (24, 16, 4)
180	GWRILD	F = Π (30, 28, 26, 25, 24, 21, 17, 15, 14, 11, 10, 9, 7, 6, 3, 2) X = (12, 8)
181	GX00V8	F = Σ (1, 4, 6, 7, 9, 14, 15, 17, 23, 25, 30, 31) X = (0, 10, 12, 20)
182	H179R2	F = Σ (0, 1, 7, 9, 11, 15, 16, 23, 25, 27, 29, 31) X = (2, 6, 13, 17, 22)
183	H29EZ0	F = Σ (6, 8, 9, 12, 13, 15, 20, 21, 23, 30) X = (3, 7, 10, 14, 22, 31)
184	H645SI	F = Π (30, 29, 28, 26, 24, 20, 19, 17, 15, 13, 12, 10, 8, 5, 3, 1) X = (31, 21, 14, 7)
185	H8ZSU5	F = Σ (1, 2, 6, 9, 11, 13, 15, 18, 22, 27, 29, 31) X = (0, 5, 12, 17)
186	H9430G	F = Π (31, 29, 26, 24, 23, 21, 18, 16, 15, 14, 11, 10, 7, 6, 3, 2) X = (9, 8, 4)
187	H9G6RA	F = Σ (0, 1, 4, 12, 16, 17, 18, 19, 22, 23, 28, 29, 30, 31) X = (14, 15)
188	HA9O8N	F = Σ (2, 3, 10, 11, 12, 15, 24, 25, 29, 30) X = (5, 6, 13, 14, 28, 31)
189	HC5GSE	F = Σ (2, 5, 6, 7, 10, 13, 14, 16, 20, 24, 28, 29, 31) X = (15, 21, 23)
190	HCL01V	F = Π (29, 26, 25, 22, 21, 18, 17, 15, 14, 13, 12, 11, 10, 9, 8) X = (30, 28, 24, 19, 5)
191	HGEZZN	F = Π (30, 29, 28, 25, 24, 22, 21, 20, 19, 17, 16, 14, 11, 6, 3) X = (27, 26, 18, 12, 7)
192	HH33L4	F = Π (31, 30, 29, 28, 26, 24, 23, 22, 20, 18, 17, 16, 15, 13, 10, 8) X = (21, 19, 6, 5, 3, 0)
193	HH39CK	F = Π (31, 29, 27, 26, 25, 24, 23, 21, 14, 12, 11, 10, 9, 8, 6, 4) X = (18, 2, 1)
194	HIS3K0	F = Π (31, 30, 27, 26, 23, 17, 15, 13, 12, 11, 9, 8, 7, 5, 3, 1) X = (21, 20, 19, 18, 6, 0)
195	HIUZ52	F = Σ (0, 2, 4, 5, 7, 15, 21, 23, 28, 29, 30, 31) X = (6, 13, 16, 24, 26)
196	HN8BQZ	F = Σ (5, 7, 9, 15, 16, 17, 18, 19, 27, 29) X = (10, 11, 13, 24, 25, 31)
197	HNP96L	F = Σ (0, 2, 8, 12, 13, 14, 15, 25, 27, 29, 30, 31) X = (1, 10, 17, 19, 28)
198	HS6BIM	F = Π (31, 29, 27, 25, 22, 20, 18, 16, 15, 14, 11, 10, 7, 6, 3, 2) X = (12, 4, 1)
199	HT6GGB	F = Σ (1, 3, 6, 7, 8, 10, 17, 19, 22, 24, 26, 30, 31) X = (14, 15, 23)
200	HTFAE7	F = Π (31, 30, 27, 25, 21, 20, 19, 17, 15, 14, 11, 9, 5, 4, 3, 1) X = (24, 16, 2)
201	HVWTDA	F = Π (30, 29, 28, 26, 22, 21, 20, 18, 13, 12, 11, 7, 5, 4, 3) X = (24, 19, 15, 14, 6)
202	HW39DP	F = Σ (1, 3, 4, 6, 9, 11, 12, 14, 24, 26, 27, 28, 31) X = (25, 29, 30)
203	HXC9XQ	F = Π (30, 29, 26, 24, 23, 22, 21, 20, 18, 16, 11, 9, 6, 5, 3, 1) X = (31, 28, 13, 7)
204	I0DF8R	F = Π (31, 29, 27, 24, 23, 19, 15, 14, 13, 12, 11, 10, 9, 8, 6, 2) X = (28, 25, 20, 17, 5, 0)
205	I0LVCW	F = Σ (1, 3, 11, 15, 16, 19, 20, 23, 24, 27, 28, 31) X = (0, 5, 9, 10)
206	I102PY	F = Σ (0, 1, 5, 7, 11, 15, 16, 21, 23, 27, 29, 31) X = (2, 10, 13, 17, 26)
207	I16LHI	F = Π (31, 30, 28, 26, 25, 24, 23, 17, 15, 14, 12, 10, 9, 8, 7, 1) X = (20, 16, 2)
208	I314L5	F = Π (31, 30, 25, 24, 23, 21, 19, 17, 15, 14, 9, 8, 7, 5, 3, 1) X = (20, 16, 2)
209	I3TMC9	F = Σ (1, 5, 8, 12, 17, 18, 21, 22, 23, 24, 26, 28, 31) X = (19, 27, 30)
210	I5MJPH	F = Σ (2, 6, 9, 10, 14, 15, 24, 27, 28, 29) X = (3, 5, 11, 13, 25, 31)
211	I6QDPQ	F = Σ (0, 1, 5, 8, 10, 11, 13, 15, 16, 24, 26, 27, 29, 31) X = (7, 23)
212	IAB184	F = Σ (2, 6, 17, 18, 22, 23, 24, 27, 28, 29) X = (3, 5, 19, 21, 25, 31)
213	IAWKIX	F = Σ (0, 1, 2, 3, 8, 12, 13, 15, 17, 19, 25, 27, 29, 31) X = (28, 30)
214	IDICV1	F = Σ (0, 2, 8, 10, 12, 14, 16, 17, 25, 27, 28, 29, 30, 31) X = (21, 23)
215	IDJ4SR	F = Σ (2, 3, 10, 11, 16, 20, 22, 23, 28, 29, 30, 31) X = (0, 12, 17, 24)
216	IE5VBF	F = Π (30, 29, 22, 20, 19, 17, 15, 14, 13, 12, 10, 9, 6, 4, 3, 1) X = (31, 28, 25, 11)
217	IEY28B	F = Π (27, 25, 23, 22, 21, 20, 19, 18, 17, 16, 14, 13, 12, 11, 9, 5) X = (3, 1)
218	IIHKKU	F = Π (28, 25, 24, 23, 22, 19, 18, 17, 15, 13, 11, 9, 7, 6, 3, 2) X = (5, 1)
219	IKBFPM	F = Σ (4, 5, 6, 7, 9, 11, 17, 23, 27, 29) X = (18, 19, 20, 21, 25, 31)
220	IKBLYH	F = Σ (2, 3, 4, 5, 10, 11, 12, 13, 24, 25, 26, 29, 31) X = (27, 28, 30)
221	IKXOW5	F = Σ (4, 5, 6, 7, 8, 9, 10, 11, 17, 19, 23, 25, 31) X = (21, 27, 29)
222	IOVM0R	F = Π (29, 28, 26, 24, 23, 22, 21, 20, 19, 18, 13, 12, 11, 10, 5, 4) X = (17, 16)
223	IRFCKB	F = Σ (1, 3, 4, 6, 17, 19, 20, 22, 24, 26, 27, 28, 31) X = (25, 29, 30)
224	ISGREG	F = Σ (2, 6, 10, 14, 16, 17, 19, 21, 23, 27, 29, 31) X = (0, 5, 20, 24)
225	IXDZS5	F = Σ (0, 1, 4, 5, 12, 13, 16, 18, 22, 23, 28, 29, 30, 31) X = (26, 27)
226	IXOEAJ	F = Π (29, 26, 25, 22, 21, 20, 18, 17, 15, 14, 13, 9, 7, 6, 5, 1) X = (12, 4)
227	IZ79OI	F = Σ (0, 1, 2, 4, 6, 9, 11, 15, 18, 19, 22, 23, 27, 31) X = (25, 29)
228	J0Q0B0	F = Σ (0, 4, 8, 9, 16, 18, 20, 22, 25, 26, 27, 29, 30, 31) X = (11, 15)

sz	Neptun kód	Függvény
229	J7RBAP	F = Π (31, 29, 27, 26, 25, 24, 22, 20, 19, 18, 17, 16, 15, 13, 6, 4) X = (8, 3, 2)
230	J8003G	F = Σ (0, 1, 8, 12, 13, 15, 26, 27, 28, 29, 30, 31) X = (9, 14, 16, 18, 19)
231	JB0I93	F = Π (31, 29, 28, 27, 25, 24, 22, 21, 20, 18, 17, 16, 15, 11, 6, 2) X = (8, 5, 4)
232	JB7AMB	F = Σ (1, 3, 4, 7, 11, 12, 15, 20, 23, 27, 28, 31) X = (0, 9, 10, 17)
233	JE7QY8	F = Π (31, 30, 25, 24, 23, 21, 19, 17, 15, 14, 9, 8, 7, 5, 3, 1) X = (18, 16, 4)
234	JH562G	F = Σ (0, 1, 16, 18, 19, 23, 26, 27, 28, 29, 30, 31) X = (8, 12, 13, 17, 22)
235	JH5DFH	F = Σ (2, 3, 4, 10, 11, 20, 21, 22, 23, 29, 30, 31) X = (0, 5, 12, 17)
236	JKAVEI	F = Σ (0, 8, 10, 13, 14, 15, 16, 26, 27, 29, 30, 31) X = (4, 5, 11, 21, 24)
237	JMES8Q	F = Π (29, 28, 26, 23, 21, 20, 19, 13, 12, 11, 10, 9, 7, 5, 4, 3) X = (17, 1)
238	JSRDZC	F = Π (30, 27, 26, 24, 21, 20, 19, 18, 15, 14, 12, 10, 5, 4, 3, 2) X = (31, 28, 13, 11)
239	K302LY	F = Π (27, 26, 25, 24, 22, 21, 20, 15, 13, 11, 9, 7, 5, 3, 1) X = (28, 23, 19, 17, 10)
240	K31KO1	F = Π (30, 28, 26, 24, 23, 22, 20, 19, 18, 16, 13, 11, 10, 9, 7, 3) X = (6, 2)
241	K3DLNT	F = Π (31, 30, 29, 27, 26, 25, 24, 23, 21, 12, 11, 10, 9, 8, 3, 1) X = (28, 20, 18, 14, 6, 0)
242	K4NJF1	F = Σ (8, 9, 12, 13, 16, 18, 22, 23, 26, 27, 30, 31) X = (0, 6, 17, 20)
243	K8PBRS	F = Σ (1, 3, 4, 6, 10, 11, 17, 19, 20, 22, 26, 30, 31) X = (14, 15, 27)
244	K9SSJC	F = Π (30, 28, 27, 26, 25, 24, 22, 21, 20, 18, 16, 11, 9, 7, 5) X = (23, 19, 17, 13, 10)
245	KC28ED	F = Π (31, 29, 27, 26, 25, 24, 23, 20, 19, 18, 17, 16, 15, 10, 7, 2) X = (28, 21, 12, 9, 5, 0)
246	KCHT1E	F = Σ (8, 10, 12, 14, 16, 17, 19, 23, 25, 27, 29, 31) X = (0, 3, 18, 20)
247	KCL9F6	F = Σ (4, 6, 12, 14, 16, 17, 19, 21, 23, 27, 29, 31) X = (0, 3, 18, 24)
248	KCYAM4	F = Π (31, 29, 27, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 13, 6, 4) X = (26, 25, 10, 9, 3, 0)
249	KDP1RQ	F = Π (31, 29, 27, 23, 22, 21, 20, 18, 15, 12, 11, 7, 6, 5, 4, 2) X = (28, 24, 17, 13, 9, 0)
250	KDW6WQ	F = Π (31, 29, 27, 25, 23, 22, 19, 18, 14, 12, 10, 8, 7, 6, 3, 2) X = (20, 4, 1)
251	KKUWMW	F = Π (29, 26, 24, 23, 22, 21, 20, 17, 15, 13, 10, 9, 8, 6, 5, 4) X = (31, 25, 11, 7)
252	KMZ9AL	F = Π (31, 30, 29, 28, 27, 25, 23, 19, 17, 11, 10, 9, 8, 5, 3, 1) X = (21, 20, 18, 7, 6, 0)
253	KNB71H	F = Π (31, 29, 27, 26, 25, 24, 23, 21, 14, 12, 11, 10, 9, 8, 6, 4) X = (18, 2, 1)
254	KPFZKG	F = Σ (2, 3, 6, 7, 8, 24, 26, 27, 28, 29, 30, 31) X = (0, 9, 12, 20)
255	KUIVG3	F = Π (30, 28, 25, 22, 21, 20, 17, 15, 14, 12, 11, 7, 6, 4, 3) X = (29, 19, 13, 10, 5)
256	KZV4QK	F = Π (29, 28, 26, 24, 23, 22, 21, 20, 19, 18, 13, 12, 11, 10, 5, 4) X = (17, 16)
257	L1UKSO	F = Π (30, 27, 26, 21, 20, 18, 17, 16, 15, 13, 12, 11, 10, 9, 8, 3) X = (31, 22, 19, 14)
258	L3C5D9	F = Σ (3, 9, 13, 15, 16, 17, 20, 21, 23, 27) X = (6, 7, 11, 18, 19, 31)
259	L4V8OV	F = Σ (0, 1, 4, 5, 6, 7, 8, 14, 15, 24, 28, 29, 30, 31) X = (26, 27)
260	L7OORE	F = Π (31, 29, 28, 27, 25, 24, 22, 21, 20, 18, 17, 16, 15, 11, 6, 2) X = (12, 4, 1)
261	LFVD7I	F = Π (29, 26, 25, 24, 23, 22, 21, 19, 18, 17, 14, 13, 10, 9, 5, 1) X = (20, 16)
262	LJP9PO	F = Σ (0, 8, 16, 18, 19, 21, 23, 26, 27, 29, 30, 31) X = (1, 5, 13, 22, 24)
263	LKU0BU	F = Σ (0, 2, 4, 10, 14, 15, 19, 23, 26, 27, 30, 31) X = (6, 11, 16, 17, 21)
264	LMDEZS	F = Π (30, 28, 26, 25, 24, 23, 22, 19, 18, 17, 13, 9, 7, 6, 3, 2) X = (20, 16)
265	LRN8R3	F = Π (28, 27, 24, 23, 20, 19, 18, 16, 15, 13, 11, 10, 9, 5, 3, 1) X = (31, 26, 22, 7)
266	LRPC8L	F = Σ (1, 9, 13, 15, 16, 18, 20, 22, 25, 27, 29, 31) X = (0, 3, 5, 12)
267	LSIFHX	F = Σ (1, 3, 5, 7, 16, 24, 25, 27, 28, 29, 30, 31) X = (0, 12, 18, 20)
268	LYV2IV	F = Σ (1, 3, 5, 7, 8, 10, 12, 14, 18, 22, 23, 26, 31) X = (19, 27, 30)
269	M13788	F = Σ (1, 8, 10, 12, 14, 17, 19, 23, 25, 27, 29, 31) X = (0, 3, 5, 18)
270	M5HN1Y	F = Π (29, 27, 25, 24, 23, 19, 18, 17, 14, 12, 10, 8, 7, 5, 3, 1) X = (31, 28, 26, 21)
271	M9QSIY	F = Σ (0, 2, 7, 10, 11, 15, 16, 23, 26, 27, 30, 31) X = (1, 5, 14, 18, 21)
272	MLAX65	F = Π (30, 27, 25, 24, 21, 20, 15, 14, 11, 10, 9, 8, 6, 5, 4, 3) X = (31, 26, 22, 7)
273	MP3B4T	F = Σ (0, 1, 4, 12, 13, 14, 15, 22, 23, 29, 30, 31) X = (2, 5, 18, 19, 28)
274	MUVQ12	F = Π (29, 26, 24, 23, 22, 21, 20, 17, 15, 13, 10, 9, 8, 6, 5, 4) X = (31, 25, 11, 7)
275	MX6M4V	F = Σ (4, 5, 8, 10, 11, 14, 15, 20, 21, 27, 30, 31) X = (0, 3, 9, 24)
276	N25I60	F = Π (31, 29, 28, 27, 22, 21, 20, 18, 15, 13, 12, 11, 6, 5, 4, 2) X = (17, 16, 8)
277	N51F89	F = Σ (2, 5, 6, 12, 15, 18, 21, 22, 29, 30) X = (10, 13, 14, 24, 28, 31)
278	N7KL86	F = Π (29, 28, 25, 24, 22, 20, 19, 18, 15, 14, 13, 12, 9, 8, 7, 6) X = (5, 4)
279	N7NZEF	F = Π (31, 30, 27, 25, 23, 22, 19, 17, 13, 12, 11, 9, 5, 4, 3, 1) X = (16, 10, 8)
280	NBHZ90	F = Π (30, 29, 28, 26, 25, 24, 21, 20, 17, 16, 14, 11, 10, 9, 7, 3) X = (12, 8)
281	NE5PXK	F = Π (31, 30, 27, 26, 25, 24, 23, 22, 13, 12, 11, 10, 9, 8, 5, 4) X = (17, 2, 1)
282	NFHLBL	F = Σ (0, 1, 4, 12, 13, 15, 22, 23, 28, 29, 30, 31) X = (5, 14, 16, 18, 19)
283	NGSGS8	F = Σ (0, 1, 8, 10, 11, 15, 26, 27, 28, 29, 30, 31) X = (9, 14, 16, 20, 21)
284	NH8284	F = Σ (0, 1, 4, 9, 16, 18, 19, 20, 22, 23, 25, 27, 29, 31) X = (11, 15)
285	NI4P7R	F = Π (30, 29, 28, 27, 26, 24, 20, 18, 13, 12, 9, 8, 7, 6, 3, 2) X = (31, 25, 22, 19)

sz	Neptun kód	Függvény
286	NRW5U9	F = Π (31, 29, 28, 26, 25, 24, 23, 21, 20, 18, 17, 16, 15, 10, 7, 2) X = (9, 8, 4)
287	NSJHQY	F = Π (31, 30, 28, 27, 23, 22, 20, 19, 14, 13, 12, 9, 6, 5, 4, 1) X = (16, 10, 8)
288	NTY9Y7	F = Σ (1, 5, 17, 18, 21, 22, 24, 27, 29, 30) X = (9, 12, 25, 26, 28, 31)
289	NU6J8Y	F = Π (31, 30, 29, 28, 25, 24, 21, 20, 19, 18, 17, 16, 15, 14, 3, 2) X = (8, 5, 1)
290	NUQFIT	F = Σ (1, 3, 4, 6, 17, 19, 20, 22, 24, 25, 26, 30, 31) X = (27, 28, 29)
291	NYA90F	F = Π (28, 25, 24, 23, 22, 21, 20, 15, 14, 12, 11, 10, 7, 6, 3, 2) X = (5, 4)
292	O1M8U4	F = Π (31, 30, 29, 25, 21, 19, 18, 17, 15, 14, 13, 9, 5, 3, 2, 1) X = (20, 16, 8)
293	O91UNL	F = Π (31, 30, 29, 28, 27, 25, 19, 17, 11, 9, 7, 6, 5, 4, 3, 1) X = (16, 10, 2)
294	O9ZMUY	F = Π (31, 30, 29, 26, 22, 19, 18, 17, 15, 14, 13, 10, 6, 3, 2, 1) X = (24, 16, 4)
295	OBGA2G	F = Π (31, 30, 25, 24, 23, 22, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8) X = (5, 2, 1)
296	OFIP21	F = Σ (0, 4, 7, 8, 15, 20, 21, 23, 28, 29, 30, 31) X = (1, 3, 11, 12, 22)
297	ORPPU1	F = Π (29, 28, 27, 24, 22, 18, 15, 13, 12, 11, 9, 8, 6, 5, 3, 2) X = (31, 25, 19, 7)
298	OT8IAS	F = Π (31, 30, 29, 28, 27, 26, 19, 18, 11, 10, 7, 6, 5, 4, 3, 2) X = (16, 9, 1)
299	OTL4NA	F = Π (31, 30, 29, 24, 23, 21, 15, 14, 13, 12, 11, 10, 9, 8, 3, 1) X = (28, 26, 20, 18, 6, 0)
300	OVCJ31	F = Π (28, 27, 26, 25, 24, 21, 20, 15, 14, 11, 10, 9, 8, 7, 6) X = (29, 22, 13, 12, 3)
301	OVVH54	F = Σ (0, 2, 16, 21, 23, 24, 26, 27, 28, 29, 30, 31) X = (4, 5, 7, 18, 25)
302	P2TYJS	F = Π (27, 26, 25, 24, 22, 21, 20, 15, 13, 11, 9, 7, 5, 3, 1) X = (28, 23, 19, 17, 10)
303	P3BKAR	F = Σ (0, 1, 2, 13, 15, 17, 19, 23, 25, 27, 29, 31) X = (3, 8, 12, 14, 21)
304	P4ABMT	F = Π (31, 30, 29, 28, 26, 24, 23, 22, 20, 18, 17, 16, 15, 13, 10, 8) X = (21, 19, 6, 5, 3, 0)
305	P4Q24E	F = Π (31, 30, 29, 23, 22, 19, 18, 17, 15, 13, 10, 7, 6, 3, 2, 1) X = (26, 24, 20, 14, 12, 0)
306	P53ZXV	F = Π (31, 30, 29, 28, 26, 24, 23, 21, 14, 12, 11, 10, 9, 8, 3, 1) X = (16, 6, 2)
307	P61SVR	F = Σ (2, 8, 9, 12, 13, 18, 19, 23, 26, 27, 30, 31) X = (0, 3, 6, 17)
308	P7XGVL	F = Σ (0, 1, 5, 8, 16, 18, 19, 21, 23, 24, 26, 27, 29, 31) X = (7, 15)
309	PALEQK	F = Σ (0, 2, 8, 12, 14, 15, 25, 27, 28, 29, 30, 31) X = (10, 13, 16, 17, 19)
310	PEEPG2	F = Π (29, 26, 25, 24, 22, 21, 18, 17, 15, 14, 13, 11, 10, 9, 5, 1) X = (12, 8)
311	PGWXNU	F = Π (30, 27, 26, 24, 21, 20, 19, 18, 15, 14, 12, 10, 5, 4, 3, 2) X = (31, 28, 13, 11)
312	PHXRM3	F = Π (29, 28, 27, 25, 22, 19, 17, 13, 12, 11, 9, 7, 6, 3, 1) X = (24, 23, 21, 14, 5)
313	POJ5PI	F = Σ (0, 1, 2, 6, 7, 8, 10, 14, 15, 17, 19, 23, 27, 31) X = (21, 29)
314	PZ70GC	F = Σ (0, 2, 6, 8, 9, 11, 14, 15, 16, 24, 25, 27, 30, 31) X = (7, 23)
315	Q0Z003	F = Σ (4, 5, 7, 15, 16, 18, 21, 23, 24, 26, 29, 31) X = (0, 3, 6, 12)
316	Q10I78	F = Π (31, 29, 28, 27, 25, 24, 23, 19, 14, 13, 12, 10, 9, 8, 6, 2) X = (20, 4, 1)
317	Q3KSRL	F = Π (29, 27, 25, 24, 23, 19, 18, 17, 14, 12, 10, 8, 7, 5, 3, 1) X = (31, 28, 26, 21)
318	Q4ZZ60	F = Π (30, 29, 28, 27, 26, 24, 21, 20, 17, 16, 12, 10, 7, 6, 3, 2) X = (31, 25, 14, 11)
319	Q9R29H	F = Π (31, 30, 29, 27, 25, 23, 22, 19, 18, 10, 7, 6, 5, 3, 2, 1) X = (26, 24, 20, 14, 12, 0)
320	QCXYSJ	F = Σ (1, 3, 8, 12, 13, 15, 17, 19, 28, 29, 30, 31) X = (0, 10, 20, 24)
321	QJSI55	F = Π (31, 30, 29, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 3, 2) X = (28, 25, 12, 9, 5, 0)
322	QKILXX	F = Σ (0, 1, 4, 14, 15, 20, 21, 23, 28, 29, 30, 31) X = (5, 8, 10, 11, 22)
323	QMLGUG	F = Π (29, 28, 25, 24, 22, 19, 18, 15, 13, 11, 9, 7, 5, 3, 1) X = (26, 23, 21, 17, 12)
324	QNIAO3	F = Π (31, 29, 26, 24, 23, 21, 18, 16, 15, 14, 13, 12, 11, 10, 9, 8) X = (4, 3, 2)
325	QTV6BM	F = Π (31, 28, 27, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 12, 11, 8) X = (6, 4, 1)
326	QWT0SG	F = Π (31, 30, 29, 28, 27, 26, 24, 22, 20, 18, 17, 16, 15, 13, 6, 4) X = (25, 19, 10, 9, 3, 0)
327	QZHMOM	F = Π (31, 30, 28, 27, 23, 22, 20, 19, 14, 13, 12, 9, 6, 5, 4, 1) X = (16, 10, 8)
328	R1VB8I	F = Σ (4, 5, 18, 19, 20, 21, 24, 27, 29, 30) X = (9, 12, 25, 26, 28, 31)
329	R2RLPM	F = Π (30, 29, 28, 24, 23, 22, 20, 18, 13, 12, 11, 10, 5, 4, 3, 2) X = (31, 26, 21, 19)
330	R6MK5I	F = Π (29, 28, 26, 22, 21, 20, 18, 15, 13, 12, 11, 7, 5, 4, 3) X = (30, 19, 14, 9, 6)
331	R72CG9	F = Σ (1, 3, 9, 11, 12, 13, 14, 16, 18, 24, 26, 30, 31) X = (15, 28, 29)
332	R9VP9N	F = Π (31, 30, 27, 23, 20, 19, 15, 14, 13, 12, 9, 7, 6, 5, 4, 1) X = (28, 24, 22, 18, 10, 0)
333	RFR95F	F = Σ (1, 3, 5, 7, 8, 10, 12, 14, 20, 22, 23, 28, 31) X = (21, 29, 30)
334	RKLQNT	F = Σ (0, 8, 11, 12, 13, 15, 16, 27, 28, 29, 30, 31) X = (1, 3, 14, 19, 24)
335	RQG7D5	F = Π (28, 27, 24, 23, 20, 19, 18, 16, 15, 13, 11, 10, 9, 5, 3, 1) X = (31, 26, 22, 7)
336	RRJVCM	F = Σ (5, 8, 10, 12, 14, 15, 20, 22, 23, 29) X = (3, 7, 9, 13, 21, 31)
337	RSFAVU	F = Π (26, 25, 24, 23, 22, 21, 20, 15, 14, 11, 10, 7, 6, 3, 2) X = (28, 27, 19, 18, 5)
338	RTJPY1	F = Π (30, 27, 26, 24, 23, 22, 20, 18, 13, 12, 9, 8, 7, 6, 3, 2) X = (31, 28, 25, 19)
339	RTT2AN	F = Σ (4, 6, 8, 10, 17, 19, 20, 22, 23, 24, 25, 26, 31) X = (21, 27, 29)
340	S21YC0	F = Σ (1, 3, 7, 15, 16, 19, 20, 23, 24, 27, 28, 31) X = (0, 5, 6, 9)
341	S7SL7R	F = Π (31, 30, 29, 26, 22, 19, 18, 17, 15, 14, 13, 10, 6, 3, 2, 1) X = (20, 16, 8)
342	SAVA4X	F = Π (31, 30, 29, 26, 23, 22, 21, 18, 14, 11, 10, 9, 6, 3, 2, 1) X = (24, 8, 4)

sz	Neptun kód	Függvény
343	SBG4ZK	F = Π (29, 27, 23, 21, 20, 19, 18, 17, 14, 12, 11, 9, 6, 4, 3, 1) X = (31, 28, 25, 22)
344	SE9FL6	F = Π (31, 30, 29, 27, 26, 25, 24, 23, 22, 12, 11, 10, 9, 8, 3, 2) X = (28, 20, 17, 13, 5, 0)
345	SF0THA	F = Π (29, 28, 26, 21, 20, 19, 18, 17, 15, 13, 12, 11, 7, 5, 4, 3) X = (9, 1)
346	SJPC1L	F = Π (31, 30, 29, 28, 27, 23, 21, 20, 19, 13, 12, 9, 6, 5, 4, 1) X = (24, 22, 18, 14, 10, 0)
347	SO8SN5	F = Π (30, 26, 25, 22, 21, 20, 18, 17, 15, 14, 13, 10, 7, 6, 5, 2) X = (12, 4)
348	SS3E9V	F = Σ (0, 4, 16, 18, 19, 22, 23, 25, 27, 29, 30, 31) X = (1, 9, 13, 20, 26)
349	ST05Z8	F = Σ (0, 1, 2, 3, 5, 7, 16, 21, 23, 24, 25, 27, 29, 31) X = (28, 30)
350	SW36BJ	F = Σ (2, 6, 7, 8, 9, 14, 15, 23, 24, 25, 30, 31) X = (0, 3, 5, 18)
351	SYBZT7	F = Π (30, 28, 25, 23, 22, 19, 18, 14, 12, 11, 9, 7, 6, 3, 2) X = (27, 26, 20, 13, 10)
352	SZF6RX	F = Π (31, 30, 29, 27, 26, 25, 22, 18, 14, 10, 7, 6, 5, 3, 2, 1) X = (16, 12, 4)
353	T4TTA9	F = Π (31, 29, 28, 26, 25, 24, 23, 18, 15, 13, 12, 10, 9, 8, 7, 2) X = (20, 16, 1)
354	TCUBSK	F = Σ (0, 4, 6, 8, 9, 13, 14, 15, 16, 20, 22, 29, 30, 31) X = (11, 27)
355	TD1406	F = Π (31, 30, 25, 24, 23, 22, 17, 16, 15, 13, 11, 9, 7, 5, 3, 1) X = (12, 8, 2)
356	TD157R	F = Π (31, 30, 29, 27, 26, 25, 24, 23, 22, 12, 11, 10, 9, 8, 3, 2) X = (28, 20, 17, 13, 5, 0)
357	TFPXE6	F = Σ (1, 5, 8, 10, 13, 15, 21, 23, 24, 26, 29, 31) X = (0, 3, 17, 20)
358	TI9C8I	F = Σ (2, 3, 8, 12, 13, 14, 15, 18, 19, 29, 30, 31) X = (0, 5, 9, 24)
359	TUNFUM	F = Π (30, 29, 27, 26, 25, 24, 18, 17, 13, 12, 9, 8, 7, 6, 3, 2) X = (31, 28, 22, 19)
360	U0M2ZD	F = Σ (0, 1, 2, 6, 7, 8, 9, 15, 17, 19, 23, 25, 27, 31) X = (22, 30)
361	U6RC1S	F = Σ (0, 1, 3, 4, 7, 8, 9, 11, 15, 20, 21, 23, 29, 31) X = (22, 30)
362	U7HD8A	F = Σ (4, 12, 14, 15, 16, 17, 18, 19, 28, 29, 30, 31) X = (0, 5, 6, 10)
363	U997UP	F = Π (31, 29, 28, 27, 25, 24, 23, 20, 15, 13, 12, 10, 9, 8, 7, 4) X = (26, 18, 17, 11, 3, 0)
364	UDIILI	F = Σ (4, 5, 7, 15, 16, 18, 21, 23, 24, 26, 29, 31) X = (0, 3, 6, 12)
365	UG98A0	F = Π (31, 29, 27, 25, 22, 20, 18, 16, 15, 14, 11, 10, 7, 6, 3, 2) X = (8, 5, 4)
366	ULM2ME	F = Π (31, 29, 28, 26, 25, 24, 23, 21, 20, 18, 17, 16, 15, 10, 7, 2) X = (12, 8, 1)
367	USCUAX	F = Σ (4, 5, 10, 11, 12, 13, 14, 16, 17, 24, 25, 27, 31) X = (15, 26, 30)
368	UXMUEK	F = Π (29, 27, 25, 22, 20, 18, 17, 16, 15, 14, 12, 11, 10, 9, 8, 3) X = (31, 21, 19, 13)
369	UZ65Q9	F = Π (30, 25, 24, 23, 21, 20, 15, 14, 10, 9, 8, 7, 6, 5, 4, 3) X = (31, 26, 22, 11)
370	V1Q7DH	F = Π (28, 25, 24, 23, 22, 19, 18, 15, 13, 11, 9, 7, 5, 3, 1) X = (29, 26, 21, 17, 6)
371	V22ZPV	F = Σ (9, 12, 14, 15, 16, 18, 24, 26, 27, 29) X = (3, 11, 13, 17, 25, 31)
372	VCUHQT	F = Σ (1, 4, 6, 7, 9, 15, 17, 22, 23, 25, 30, 31) X = (0, 12, 18, 20)
373	VKP0H3	F = Π (31, 30, 29, 28, 26, 24, 23, 21, 14, 12, 11, 10, 9, 8, 3, 1) X = (18, 4, 2)
374	VN3CC6	F = Σ (4, 5, 6, 7, 9, 11, 13, 16, 17, 18, 19, 27, 31) X = (15, 25, 29)
375	VNTXVN	F = Π (28, 26, 24, 23, 22, 19, 18, 15, 13, 11, 9, 7, 6, 3, 2) X = (30, 25, 14, 10, 5)
376	VOQHNO	F = Σ (0, 1, 2, 3, 9, 11, 16, 20, 21, 23, 25, 27, 29, 31) X = (28, 30)
377	VPB6GB	F = Π (30, 28, 27, 26, 25, 24, 22, 20, 18, 16, 13, 12, 11, 9, 7, 5) X = (10, 8)
378	VS74R2	F = Σ (4, 9, 10, 12, 15, 20, 26, 27, 28, 29) X = (5, 11, 13, 17, 25, 31)
379	VTFI2R	F = Σ (1, 2, 5, 6, 17, 18, 21, 22, 24, 26, 28, 29, 31) X = (25, 27, 30)
380	WB40WY	F = Π (30, 26, 25, 22, 19, 18, 17, 15, 14, 13, 12, 7, 6, 5, 4, 3) X = (10, 2)
381	WBY5B9	F = Σ (0, 2, 4, 12, 16, 17, 18, 19, 21, 23, 28, 29, 30, 31) X = (13, 15)
382	WCB0ZV	F = Σ (0, 2, 4, 6, 8, 9, 13, 15, 20, 22, 28, 29, 30, 31) X = (25, 27)
383	WEK1K8	F = Π (30, 29, 26, 24, 19, 17, 15, 14, 13, 12, 10, 8, 6, 5, 3, 1) X = (31, 28, 21, 7)
384	WEOPER	F = Σ (4, 5, 12, 13, 16, 18, 22, 23, 26, 27, 30, 31) X = (0, 10, 17, 24)
385	WF0KAY	F = Σ (2, 6, 14, 15, 16, 17, 22, 23, 24, 25, 30, 31) X = (0, 3, 10, 12)
386	WFEATV	F = Π (31, 30, 29, 27, 26, 23, 21, 19, 17, 9, 7, 6, 5, 3, 2, 1) X = (25, 24, 20, 13, 12, 0)
387	WKC905	F = Π (30, 28, 26, 24, 21, 19, 17, 15, 14, 11, 10, 7, 6, 3, 2) X = (25, 23, 22, 18, 12)
388	WKDRYE	F = Π (29, 28, 25, 24, 23, 21, 20, 19, 17, 16, 14, 11, 10, 9, 7, 3) X = (5, 1)
389	WM53DA	F = Π (31, 29, 27, 26, 25, 24, 23, 20, 19, 18, 17, 16, 15, 10, 7, 2) X = (28, 21, 12, 9, 5, 0)
390	WNVYOW	F = Σ (3, 4, 5, 8, 9, 11, 19, 20, 21, 23, 24, 25, 31) X = (7, 15, 27)
391	WO1XO5	F = Σ (1, 4, 6, 9, 13, 15, 20, 22, 25, 27, 29, 31) X = (0, 3, 17, 24)
392	WO2BCF	F = Σ (3, 4, 5, 7, 8, 9, 19, 20, 21, 24, 25, 27, 31) X = (11, 15, 23)
393	WZAGXO	F = Σ (0, 2, 8, 9, 16, 18, 20, 22, 25, 27, 28, 29, 30, 31) X = (13, 15)
394	WZE66M	F = Π (31, 30, 28, 26, 25, 24, 23, 22, 20, 18, 17, 16, 15, 9, 7, 1) X = (12, 8, 2)
395	WZXJPO	F = Σ (0, 1, 4, 11, 15, 17, 19, 21, 23, 27, 29, 31) X = (2, 5, 10, 14, 25)
396	X03YQD	F = Π (30, 28, 22, 21, 20, 19, 17, 15, 14, 13, 12, 11, 9, 6, 4) X = (25, 23, 10, 7, 5)
397	X6WH05	F = Σ (0, 4, 5, 8, 12, 13, 16, 18, 21, 22, 23, 29, 30, 31) X = (19, 27)
398	X7DAMB	F = Π (28, 27, 25, 22, 20, 19, 17, 15, 14, 11, 10, 7, 6, 3, 2) X = (30, 26, 21, 18, 9)
399	XAWPFY	F = Σ (0, 2, 4, 5, 7, 13, 15, 23, 28, 29, 30, 31) X = (6, 8, 21, 24, 26)

sz	Neptun kód	Függvény
400	XCK220	F = Σ (8, 9, 13, 15, 16, 18, 20, 22, 25, 27, 29, 31) X = (0, 5, 10, 12)
401	XFGMAR	F = Π (29, 26, 25, 21, 19, 18, 17, 15, 14, 13, 9, 7, 6, 5, 1) X = (27, 22, 12, 11, 3)
402	XGIOMA	F = Σ (9, 11, 12, 15, 16, 18, 24, 26, 29, 30) X = (6, 13, 14, 20, 28, 31)
403	XHDBGZ	F = Π (31, 29, 28, 26, 25, 24, 23, 18, 15, 13, 12, 10, 9, 8, 7, 2) X = (20, 16, 1)
404	XHI0FM	F = Π (30, 29, 28, 26, 24, 22, 21, 20, 18, 16, 13, 11, 7, 6, 5, 3) X = (12, 4)
405	XI4CR3	F = Σ (0, 4, 5, 8, 13, 15, 21, 22, 23, 29, 30, 31) X = (7, 12, 16, 18, 26)
406	XMQCTI	F = Π (28, 27, 25, 22, 20, 19, 18, 17, 15, 14, 11, 9, 7, 6, 3, 1) X = (10, 2)
407	XR8A7I	F = Π (28, 25, 24, 23, 22, 21, 20, 15, 14, 12, 11, 10, 7, 6, 3, 2) X = (5, 4)
408	XRVTSF	F = Σ (2, 3, 5, 9, 15, 18, 19, 23, 25, 29) X = (6, 7, 13, 20, 21, 31)
409	XVXNX0	F = Π (28, 27, 25, 21, 20, 19, 17, 15, 14, 11, 10, 7, 6, 5, 3, 2) X = (9, 1)
410	Y6XX1L	F = Σ (0, 4, 8, 10, 14, 15, 25, 26, 27, 29, 30, 31) X = (11, 12, 16, 17, 21)
411	Y8F1EZ	F = Σ (1, 2, 5, 6, 9, 10, 13, 14, 20, 22, 28, 29, 31) X = (21, 23, 30)
412	Y9D84P	F = Π (28, 27, 24, 23, 22, 18, 15, 12, 11, 9, 8, 7, 6, 5, 3, 2) X = (31, 25, 19, 13)
413	Y9IKJN	F = Σ (2, 3, 8, 11, 12, 15, 19, 23, 24, 27, 28, 31) X = (0, 6, 17, 18)
414	YANOJZ	F = Π (29, 28, 27, 25, 22, 19, 17, 13, 12, 11, 9, 7, 6, 3, 1) X = (24, 23, 21, 14, 5)
415	YDAD8G	F = Σ (0, 2, 4, 12, 14, 15, 21, 23, 28, 29, 30, 31) X = (6, 13, 16, 17, 19)
416	YFCWVB	F = Π (28, 25, 24, 23, 22, 19, 18, 15, 14, 13, 12, 7, 6, 5, 4) X = (29, 26, 21, 20, 3)
417	YI7BTI	F = Σ (1, 9, 10, 12, 15, 17, 25, 26, 29, 30) X = (5, 13, 14, 20, 28, 31)
418	YL077W	F = Π (29, 28, 26, 21, 20, 19, 18, 15, 13, 11, 9, 7, 5, 3, 1) X = (27, 25, 22, 17, 12)
419	YLIJTT	F = Σ (0, 1, 8, 10, 16, 17, 20, 21, 26, 27, 28, 29, 30, 31) X = (14, 15)
420	YVP2YH	F = Σ (1, 3, 5, 7, 12, 15, 20, 22, 29, 30) X = (9, 10, 13, 14, 28, 31)
421	YYV93J	F = Π (31, 30, 27, 26, 23, 20, 15, 14, 13, 12, 9, 8, 7, 6, 5, 4) X = (22, 21, 18, 17, 3, 0)
422	Z20ZZP	F = Σ (8, 9, 11, 15, 16, 18, 20, 22, 25, 27, 29, 31) X = (0, 3, 10, 12)
423	Z7GCLB	F = Σ (4, 5, 13, 15, 16, 18, 21, 23, 24, 26, 29, 31) X = (0, 6, 9, 12)
424	ZIHAA8	F = Π (31, 28, 27, 24, 23, 22, 21, 20, 15, 12, 11, 8, 7, 6, 5, 4) X = (18, 16, 1)
425	ZIMOMX	F = Σ (3, 4, 6, 11, 12, 14, 15, 16, 18, 19, 24, 26, 31) X = (7, 23, 27)
426	ZL8BUF	F = Σ (0, 2, 4, 12, 13, 14, 15, 21, 23, 29, 30, 31) X = (1, 6, 17, 19, 28)
427	ZLKLEZ	F = Π (28, 27, 26, 25, 24, 22, 20, 15, 13, 12, 11, 9, 7, 5, 3, 1) X = (10, 8)
428	ZP0PJN	F = Σ (0, 1, 4, 5, 6, 7, 16, 22, 23, 24, 28, 29, 30, 31) X = (26, 27)
429	ZY56AT	F = Π (30, 26, 25, 23, 22, 21, 20, 14, 11, 10, 9, 7, 6, 5, 4, 3) X = (18, 2)
430	ZYUBA0	F = Σ (1, 2, 5, 6, 9, 10, 13, 14, 24, 26, 28, 29, 31) X = (25, 27, 30)