Difference Distribution Table (DDT)

Baksheesh Cipher S-box

Difference Distribution Table (DDT) for Baksheesh S-box

Δin \ Δout	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	4	0	0	4	0	0	0	0	4	0	0	4	0
2	0	0	0	4	0	4	0	0	0	0	0	4	0	4	0	0
3	0	0	0	0	0	4	4	0	0	0	0	0	0	4	4	0
4	0	0	0	4	0	4	0	0	4	0	0	0	0	0	4	0
5	0	0	0	0	0	4	4	0	4	0	0	4	0	0	0	0
6	0	0	0	0	0	0	0	0	4	0	0	4	0	4	4	0
7	0	0	0	4	0	0	4	0	4	0	0	0	0	4	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
9	0	4	0	0	4	0	0	0	0	4	0	0	4	0	0	0
A	0	0	4	0	4	0	0	0	0	0	4	0	4	0	0	0
B	0	4	4	0	0	0	0	0	0	4	4	0	0	0	0	0
C	0	4	0	0	0	0	0	4	0	0	4	0	4	0	0	0
D	0	0	0	0	4	0	0	4	0	4	4	0	0	0	0	0
E	0	4	4	0	4	0	0	4	0	0	0	0	0	0	0	0
F	0	0	4	0	0	0	0	4	0	4	0	0	4	0	0	0

Input Difference (Δin) — Output Difference (Δout)