

An XOR gate
(b)


A "noise" gate

(c) Any Sbox may be replaced by this equivalent circuit


Noise gates may be "moved along wires and thru any other gates"

Hamming [7,4,3] cyclic BLECC:
gen $=\begin{gathered}{[1011000]} \\ {[0101100]} \\ {[0010110]} \\ {[0001011]}\end{gathered}$
dual $=\begin{array}{r}{[0011101]} \\ {[1001110]} \\ {[0100111]}\end{array}$

