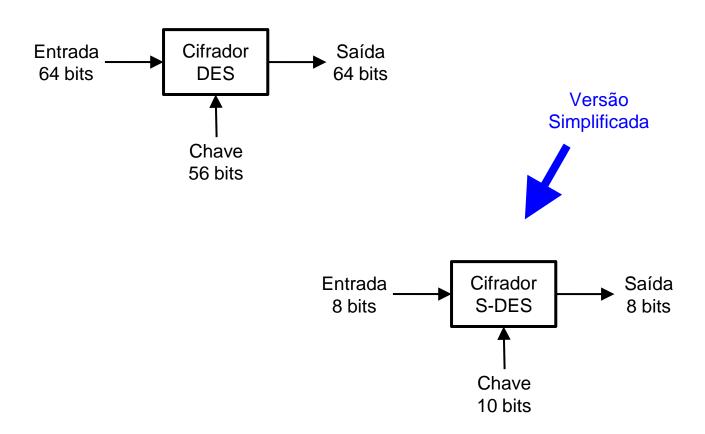
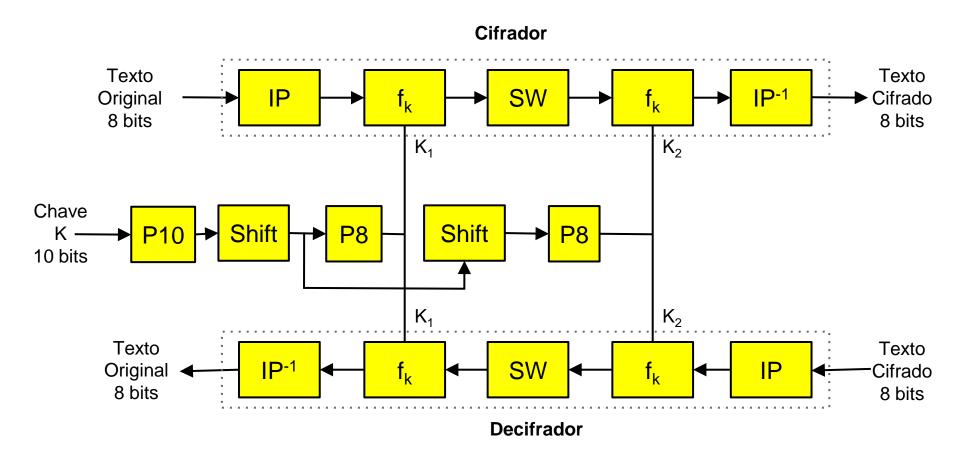
DES Simplificado S-DES

Prof. Ricardo Felipe Custódio custodio@inf.ufsc.br

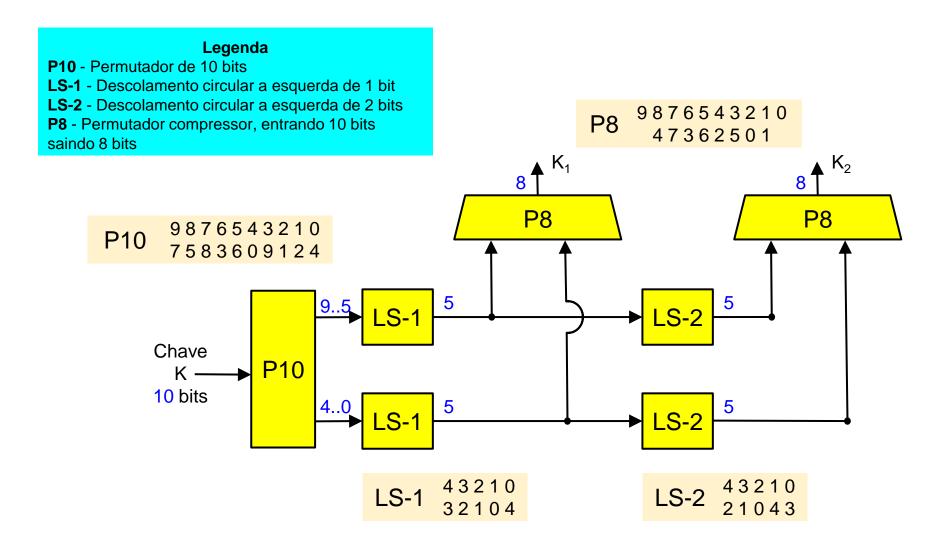


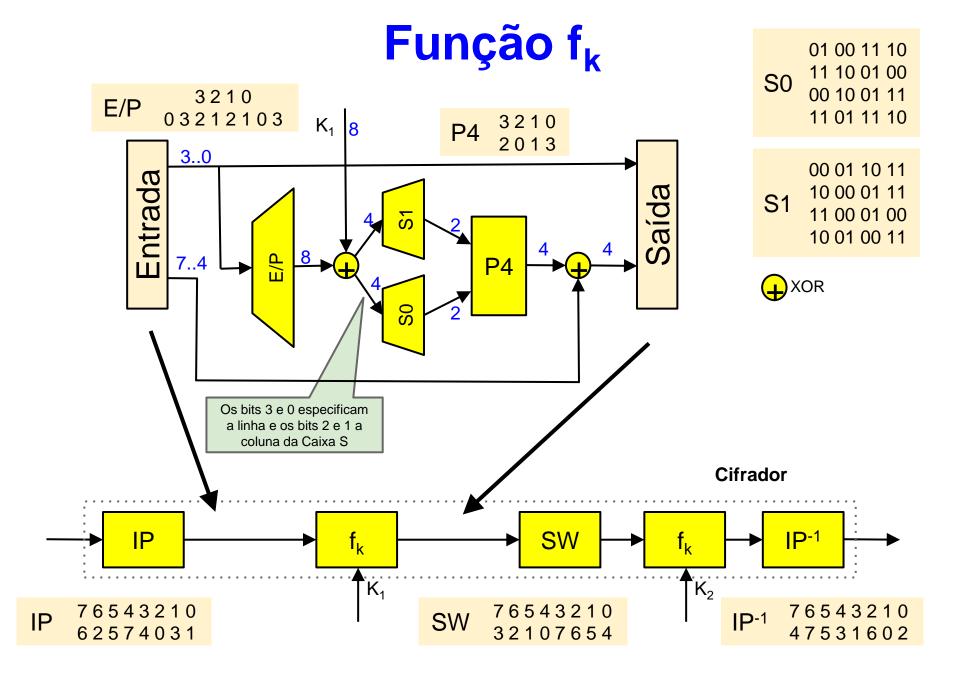
Legenda

IP - Initial Permutation
P - Permutation
SW - Switch

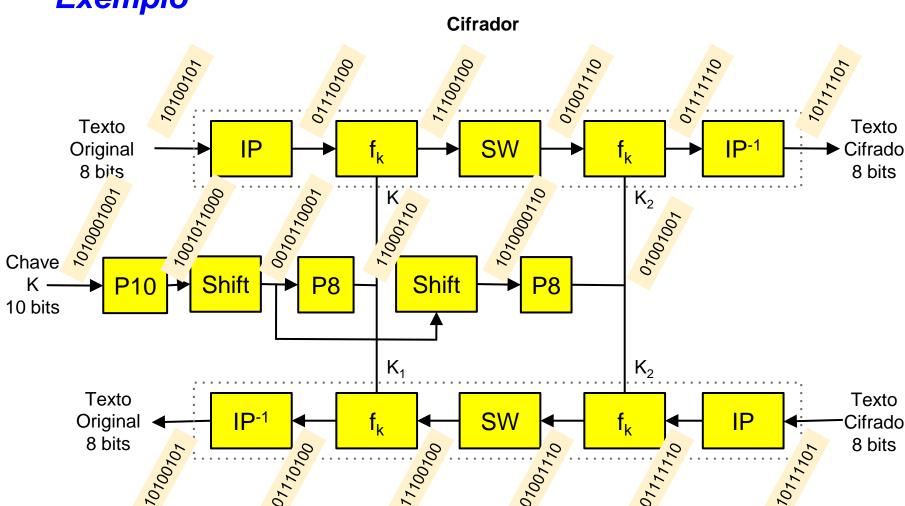


Geração de Sub-chaves





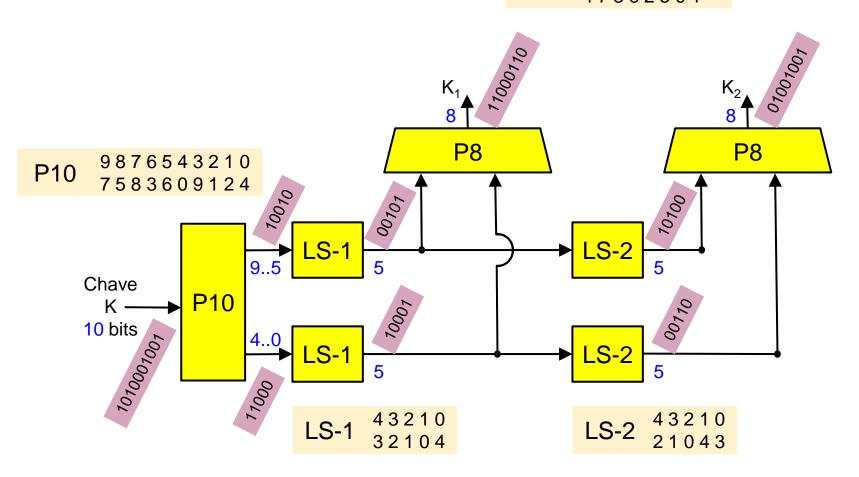
Exemplo

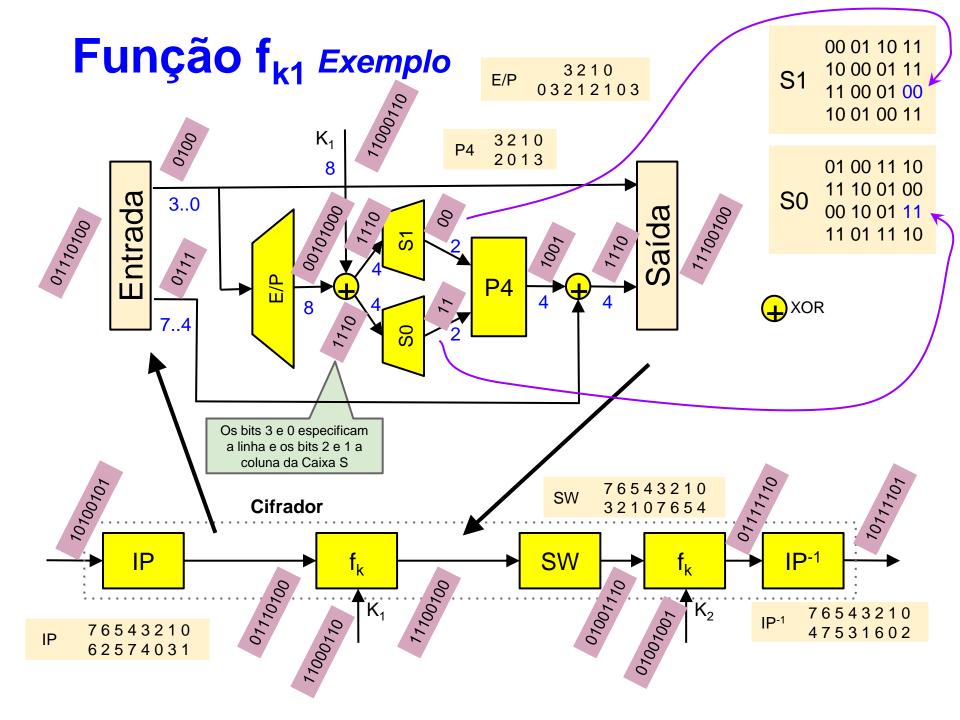


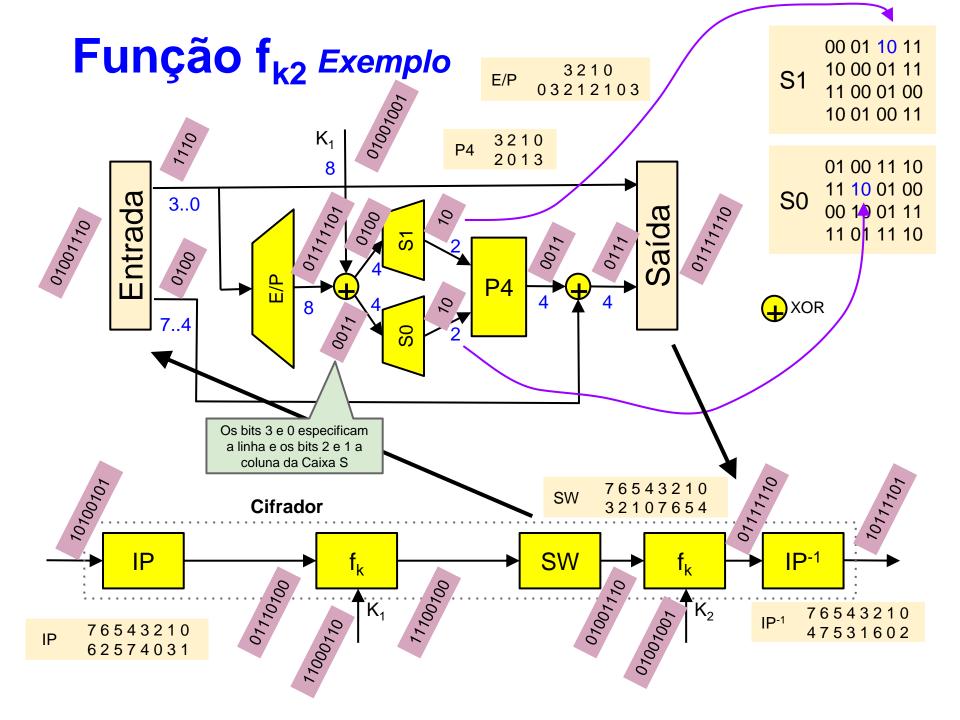
Decifrador

Geração de Sub-chaves Exemplo

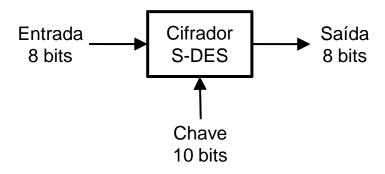
P8 9876543210 47362501







Exercício



Modo	Chave	Entrada	Saída
Ciframento	1011011001	01100101	?
Deciframento	1011011001	10100101	?