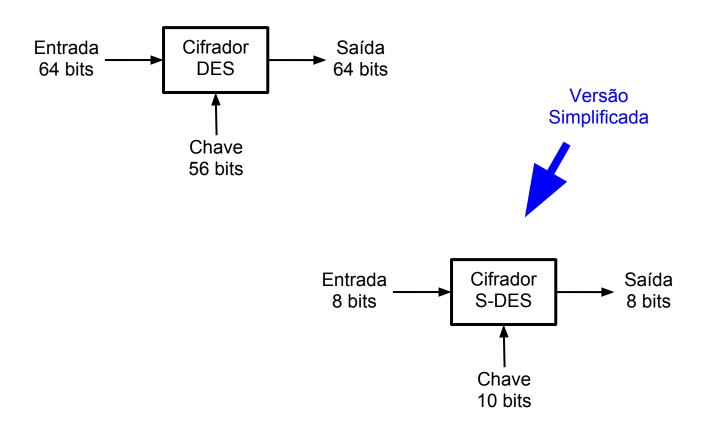
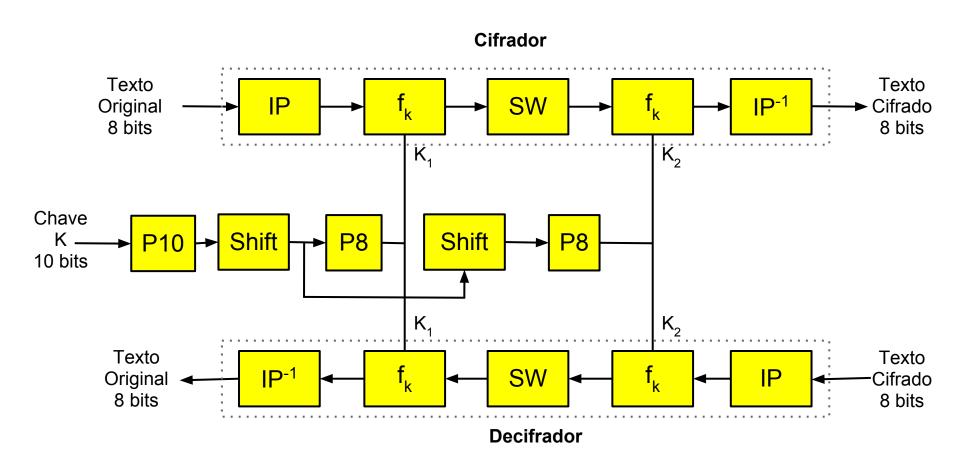
# INE 5429 DES Simplificado SDES

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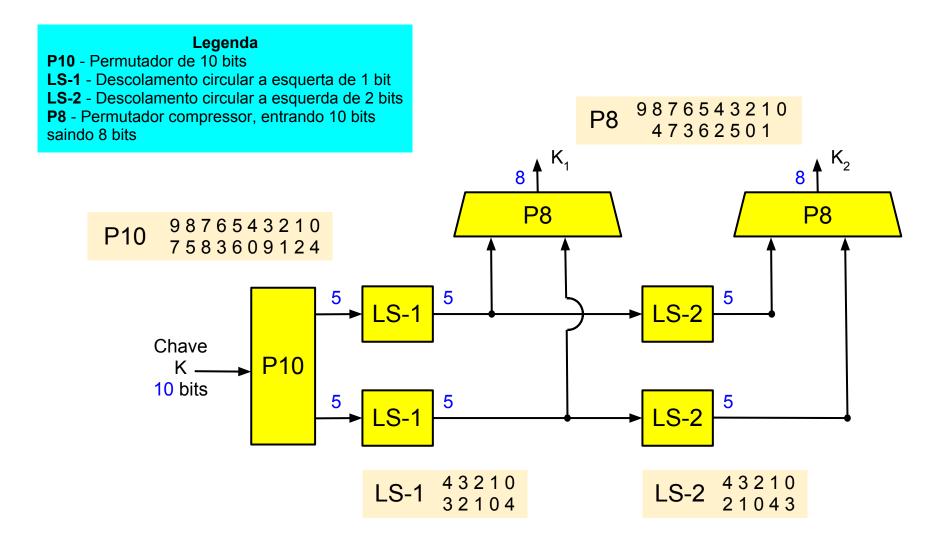


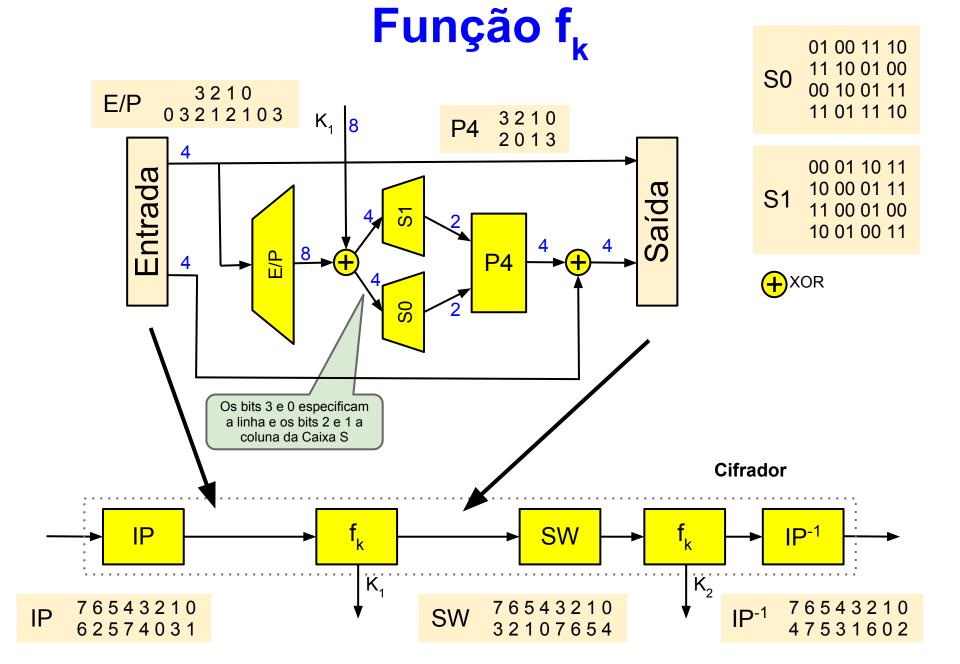
#### Legenda

IP - Initial Permutation
P - Permutation
SW - Switch



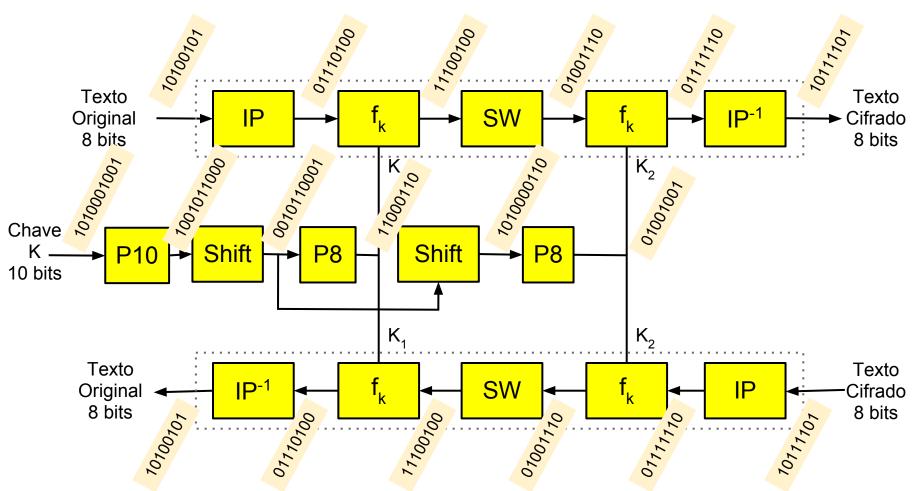
## Geração de Sub-chaves





**Exemplo** 

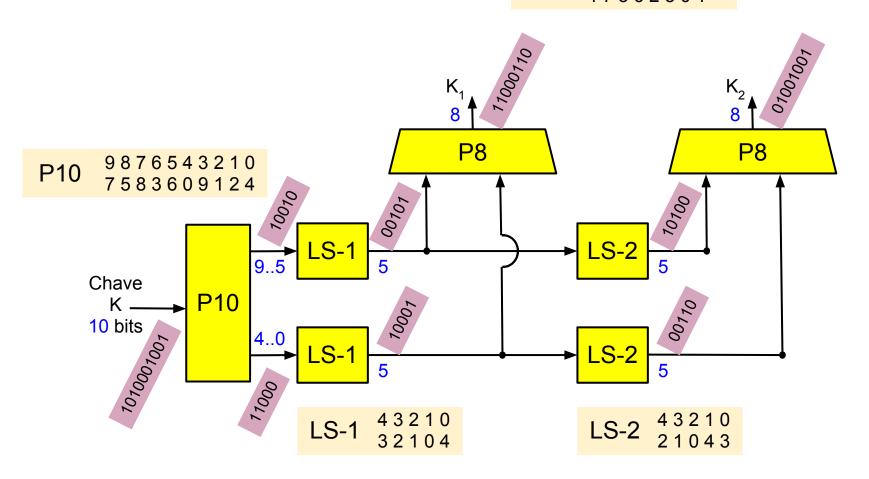


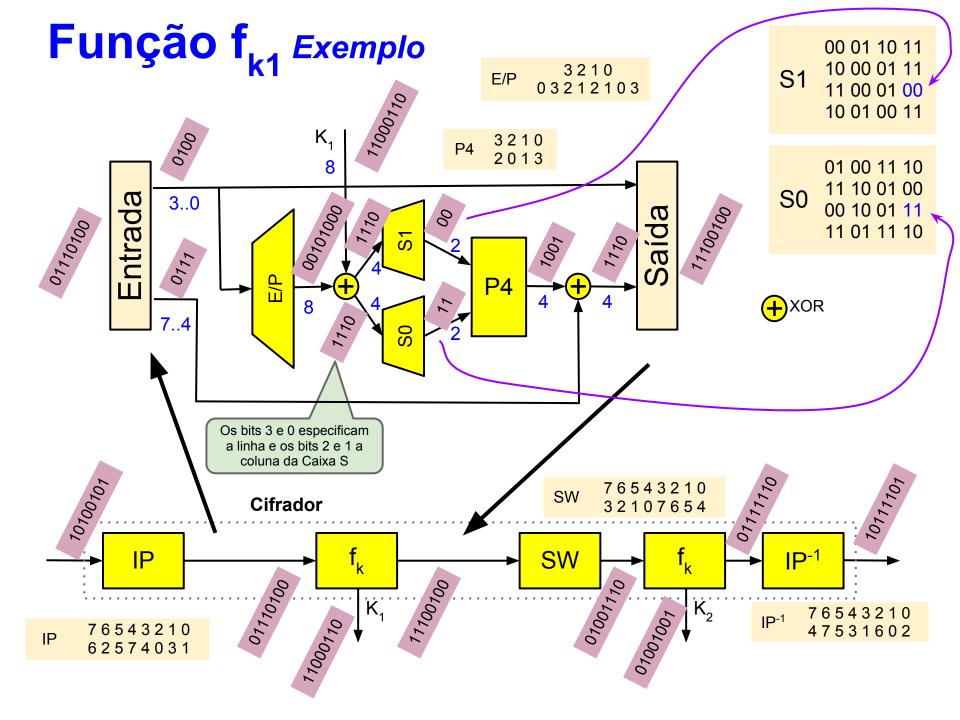


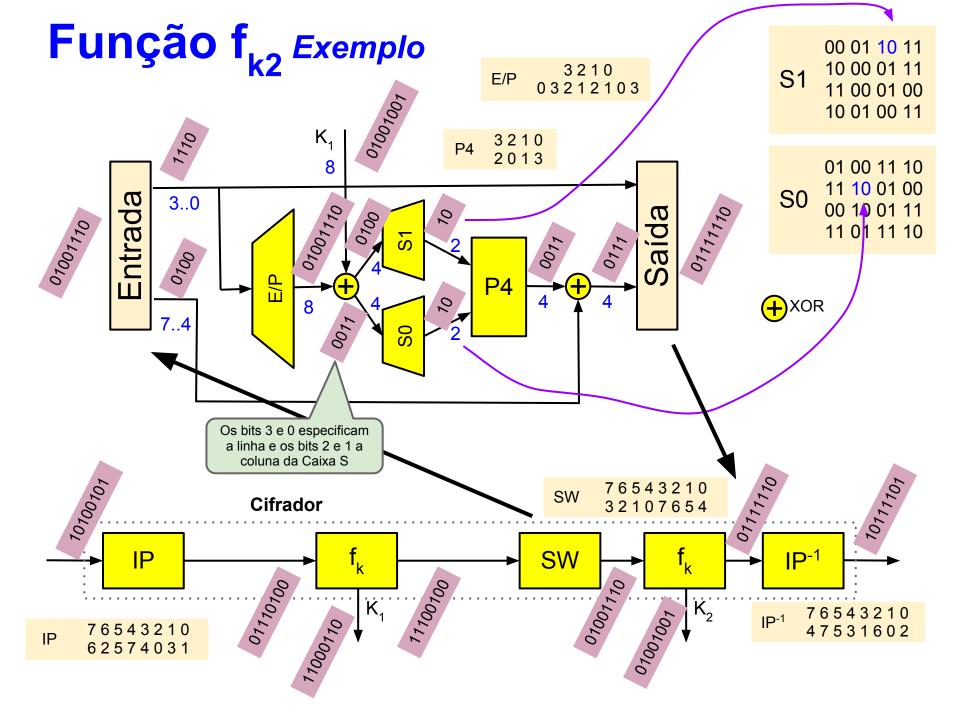
**Decifrador** 

#### Geração de Sub-chaves Exemplo

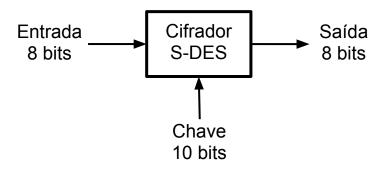
P8 9876543210 47362501







#### **Exercício**



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