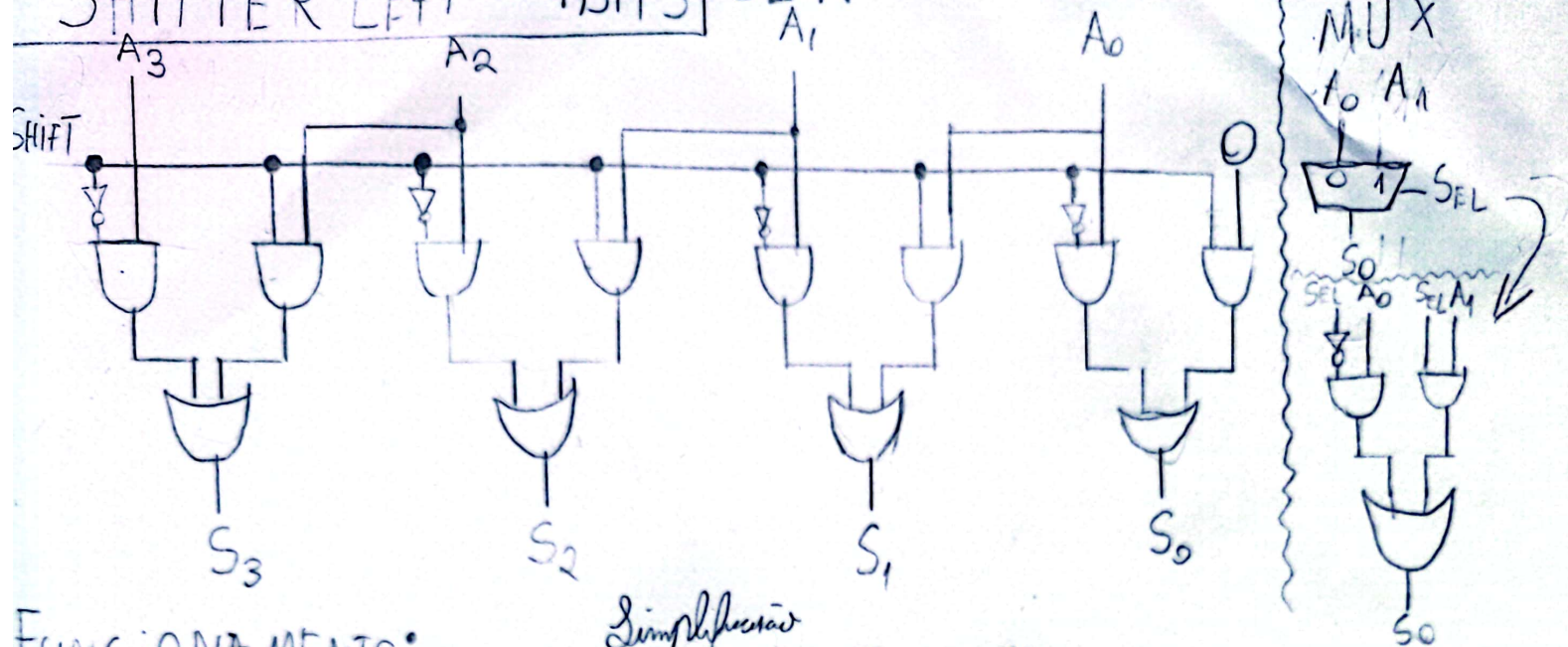


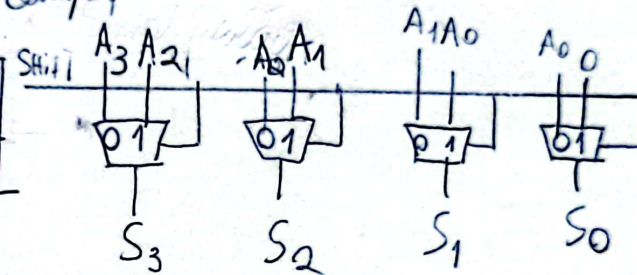
# SHIFTER LEFT - 4BITS SL1:



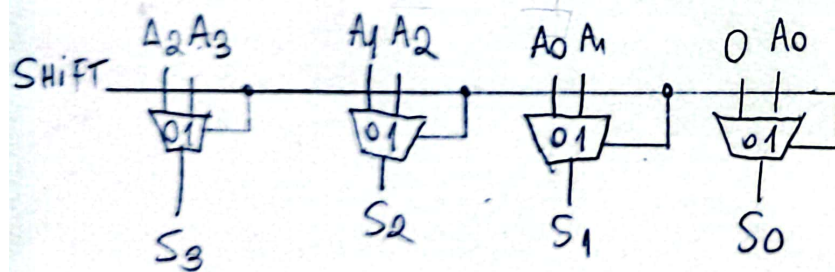
FUNCIONAMENTO:

SHIFT	$S_3$	$S_2$	$S_1$	$S_0$
0	$A_3$	$A_2$	$A_1$	$A_0$
1	$A_2$	$A_1$	$A_0$	0

Simplificação



SLO:



funcionamento:

SHIFT	$S_3$	$S_2$	$S_1$	$S_0$
0	$A_2$	$A_1$	$A_0$	0
1	$A_3$	$A_2$	$A_1$	$A_0$