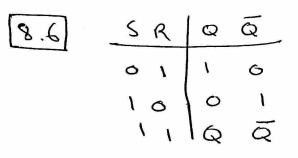
Honework 8 - ECE 1238 Rayan Hassan



here, the 'O' is the input that mothers

To if S = O => Set

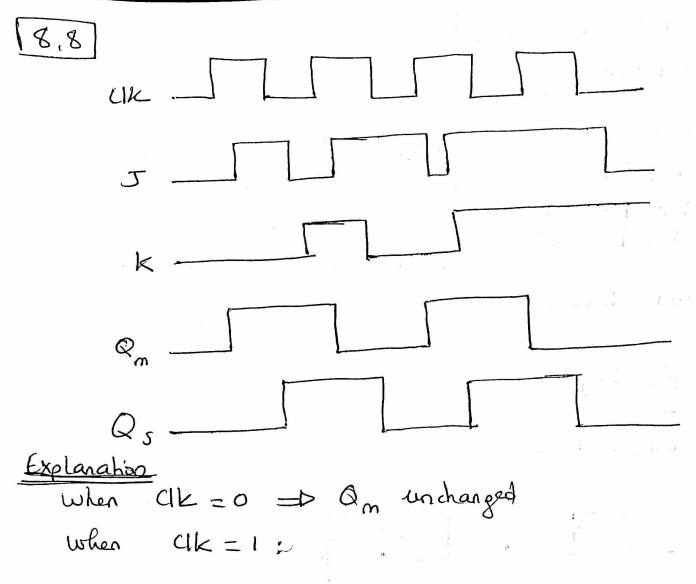
if R = O => Reset

This is a NAND based SR latch

5 0 0

Gate level Lesign

regative edge -



J	K	Qs(n+1)	Qm (n+1)
0	0	0/1	Om (n)
Ô	1	0	Qm (n)
0	1	1	0
1	0	0	1
l	0	1	(n)
Į	1	0	2
1	1	~ ~ {	Ô