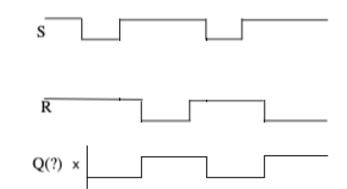
Prof. Z

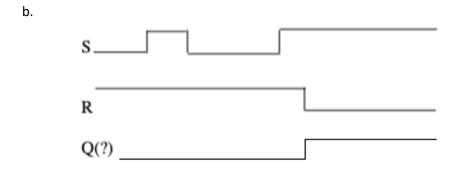
Embedded System

5 October 2023

1.

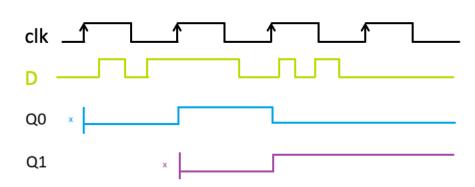
a.





2.

a.

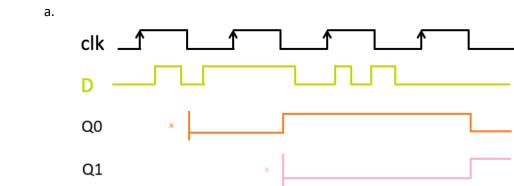


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Embedded System

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3.



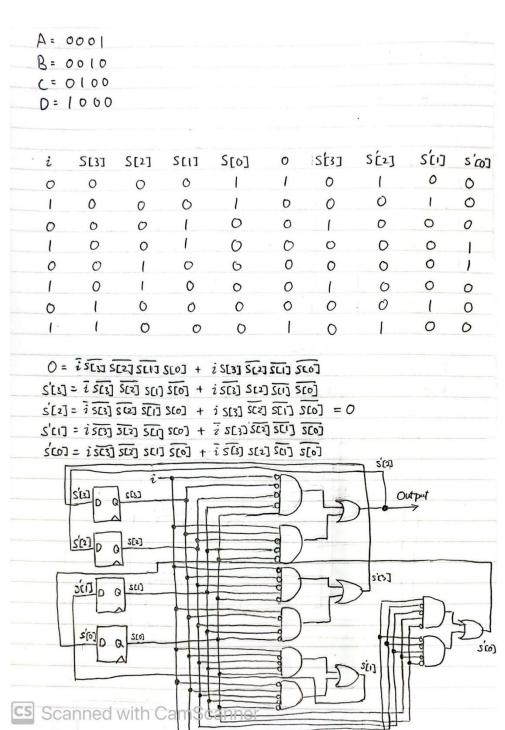
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4.

a.



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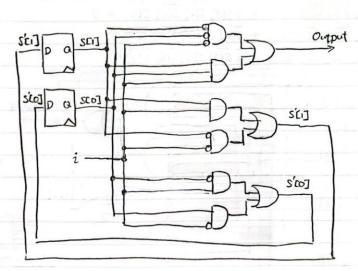
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b.

A= 0						
C=						
0=						
i	SLi]	2[0]	O	<i>ל</i> נוז .	[0]2	
0	0	0	1	1 :	0	
1	0	0	0	0	1	
0	0	j., 1.,	0	- 1	. 1	
1	0	1	0	0	0	
O	1	0	0	0	0	
4	- 1	0	0	1	1	
0	1	1	. 0	O	١	
l	1	1		1	0	

$$0 = i \sin 30 + i \sin 50$$

$$\sin = i \sin 50 + i \sin 50 + i \sin 50 + i \sin 50 + i \cos 50 + i \sin 50 + i \sin 50 + i \cos 50 + i$$

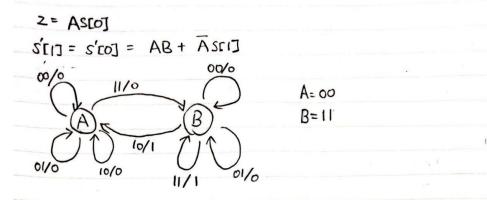


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5.



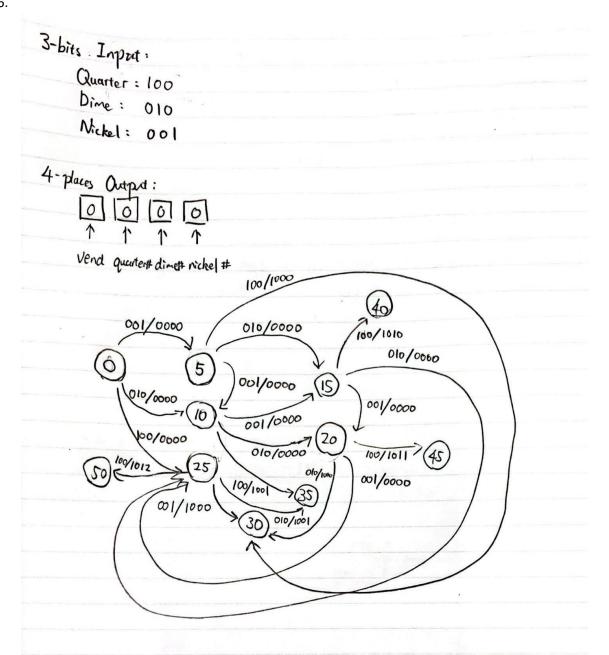
Mealy machine. Because the output of the system not only determined by the states but also with the output.

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6.



Medy Machine, The output depends on input and current state. But this can be easily transfer to a Moores Machine.