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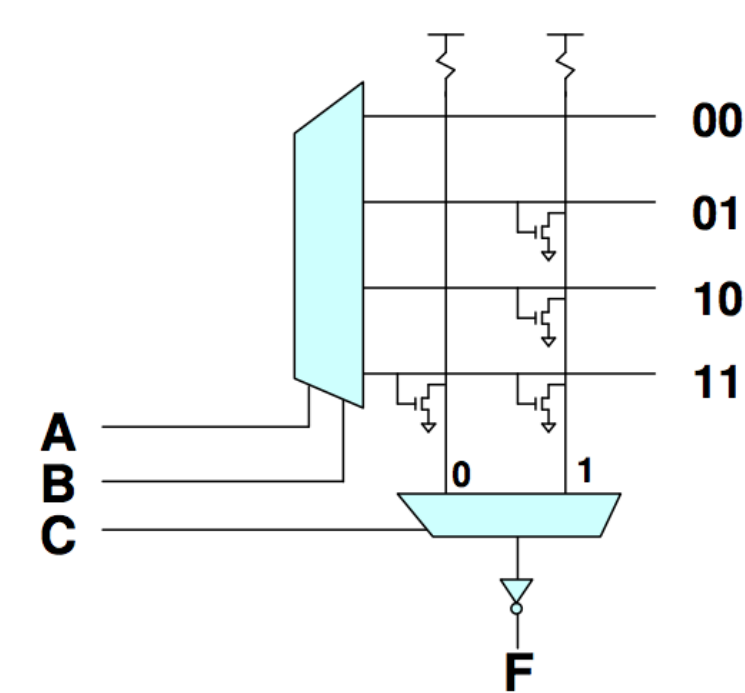
LE4.7

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LE4.7.1: Read-only Memory

8/8 points (ungraded)

Consider the following schematic for a read-only memory implementation for a 3-input, 1-output Boolean function.



Please fill in the truth table below, giving the value of the output F for the eight possible combinations of the inputs values A, B, and C.

A	B	C	F	
0	0	0	<div>0</div>	✓
0	0	1	<div>0</div>	✓
0	1	0	<div>0</div>	✓
0	1	1	<div>1</div>	✓
1	0	0	<div>0</div>	✓
1	0	1	<div>1</div>	✓
1	1	0	<div>1</div>	✓
1	1	1	<div>1</div>	✓

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ROM - what's going on ?

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