

Neural Networks Module 3

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As described in one of the lectures, please complete the truth table for the implication

$$[(A \implies B) \wedge (B \implies C)] \implies (A \implies C)$$

The first row was started for you in the lecture. Complete all remaining rows and submit your .pdf file for grading.

A	B	C	A => B	B => C	(A => B) ^ (B => C)	A => C	[(A => B) ^ (B => C)] => (A => C)
0	0	0	1	1	1	1	1
0	1	0	1	0	0	1	1
1	0	0	0	1	0	0	1
1	1	0	1	0	0	0	1
0	0	1	1	1	1	1	1
0	1	1	1	1	1	1	1
1	0	1	0	1	0	1	1
1	1	1	1	1	1	1	1