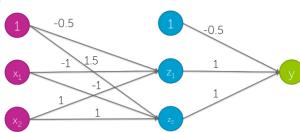
Due Sep 28, 12:59 PM +06

## Deep Learning TOTAL POINTS 6

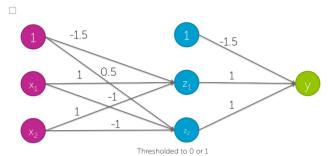
TOTAL POINTS		
1.	Which of the following statements are <b>true</b> ? (Check all that apply)	1 point
	Linear classifiers are never useful, because they cannot represent XOR.	
	Linear classifiers are useful, because, with enough data, they can represent anything.	
	Having good non-linear features can allow us to learn very accurate linear classifiers.	
	none of the above	
2.	A simple <b>linear</b> classifier can represent which of the following functions? ( <i>Check all that apply</i> )	1 point
	Hint: If you are stuck, see <a href="https://www.coursera.org/learn/ml-foundations/module/ngc1t/discussions/AAIUurrtEeWGphLhfbPAyQ">https://www.coursera.org/learn/ml-foundations/module/ngc1t/discussions/AAIUurrtEeWGphLhfbPAyQ</a>	
	✓ x1 OR x2 OR NOT x3	
	✓ x1 AND x2 AND NOT x3	
	x1 OR (x2 AND NOT x3)	
	none of the above	
3.	Which of the the following neural networks can represent the following function? Select all that apply.	1 point

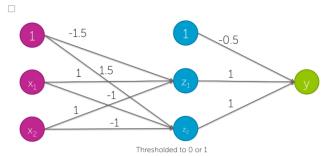
(x1 AND x2) OR (NOT x1 AND NOT x2)

Hint: If you are stuck, see <a href="https://www.coursera.org/learn/ml-foundations/module/nqC1t/discussions/AAIUurrtEeWGphLhfbPAyQ">https://www.coursera.org/learn/ml-foundations/module/nqC1t/discussions/AAIUurrtEeWGphLhfbPAyQ</a>

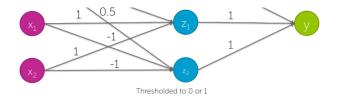


Thresholded to 0 or 1





-1.5 -0.5



Thresholded to 0 or 1

