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3. Linear Classifiers Mathematically Revisited

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Exercises due Feb 15, 2023 08:59 -03 Completed

Linear Classifiers Mathematically Revisited**Video** [Download video file](#)**Transcripts** [Download SubRip \(.srt\) file](#) [Download Text \(.txt\) file](#)**Inner product and Orthogonal vectors**

1/1 point (graded)

What is the inner product of $[0, 1, 1]$ and $[1, 1, 1]$?**Submit**

You have used 1 of 3 attempts

Linear Classifier Practice

1/1 point (graded)

[Submit](#)

You have used 2 of 3 attempts

Offset Added

1/1 point (graded)

Again, we have a linear classifier with w given by

and the offset, b given by

Now which of the following points would be class

Please choose all correct answers.

[Submit](#)

You have used 1 of 3 attempts

Discussion

[< Previous](#)[Next >](#)**Topic:** Unit 1. Line

Classifier and Perceptron / 3. Linear Classifiers Mathematically Revisited

<input type="checkbox"/>	<u>what is the sign(0)?</u> <u>what is the sign(0)? should it be taken as positive or negative</u>
<input type="checkbox"/>	<u>i can't understand the whole vedio</u> <u>i can't understand the conent and where, when we can use it</u>
<input checked="" type="checkbox"/>	<u>annotated slides please</u> Please share annotated slides soon. The course is <u>progressing</u> . However, there is no annotated slide so far. A
<input checked="" type="checkbox"/>	<u>Degree of freedom</u> 7:56 in the video: Does this mean that the <u>degree of freedom</u> is 1 or infinite for the same classifier. My under
<input checked="" type="checkbox"/>	<u>Why the Sign of (theta*x) varies through theta axis?</u> There is a formal or more elaborate <u>argument</u> to ilustrate why (theta*x) is <u>positive</u> on the direction of the vec
<input checked="" type="checkbox"/>	<u>Theta</u>

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