

[Course](#)

[Progress](#)

[Dates](#)

[Discussion](#)

[Syllabus](#)

[Outline](#)

[laff routines](#)

[Community](#)

 [Course](#) / [Week 3: Matrix-Vector Operations](#) / [3.1 Opening Remarks](#)



< Previous



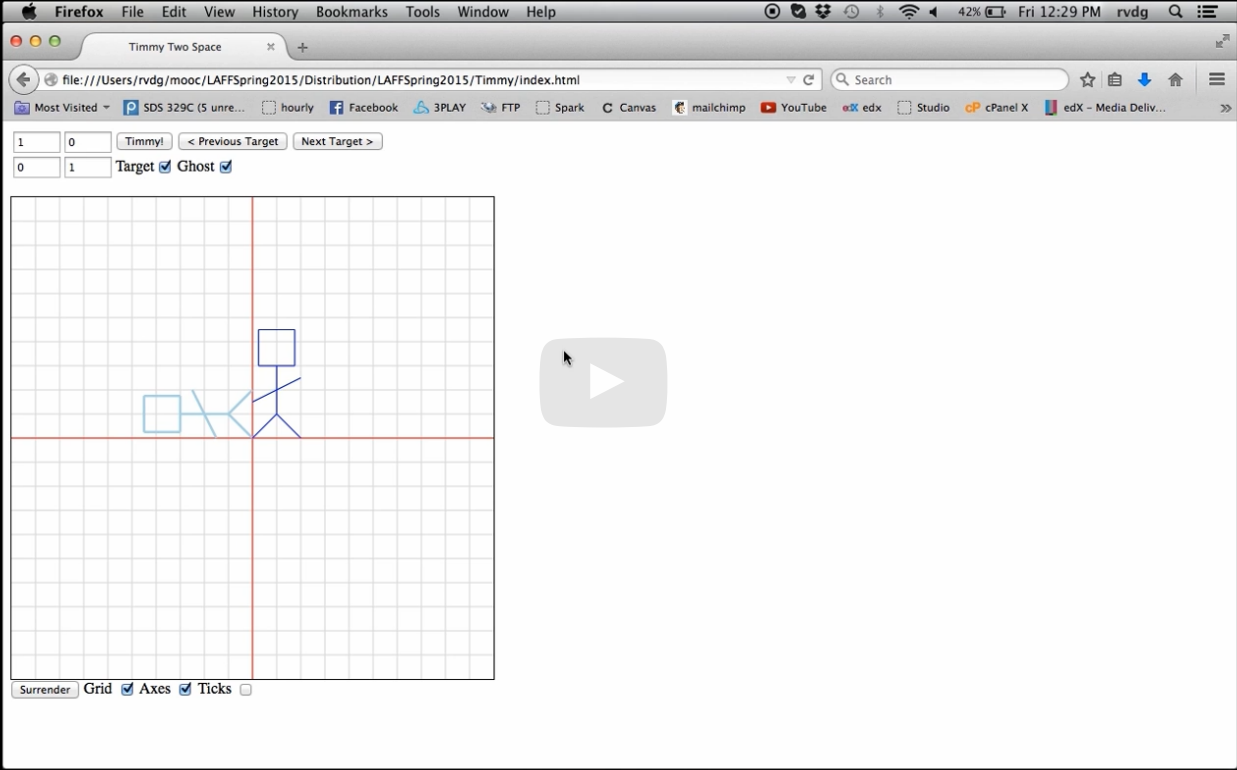
Next >

3.1.1 Timmy Two Space

 Bookmark this page

Week 3 due Oct 18, 2023 06:12 IST

3.1.1 Timmy Two Space



3:56 / 3:56

▶ 2.0x

🔊

🗑️

📺

💬

Video

📄 [Download video file](#)

Transcripts

📄 [Download SubRip \(.srt\) file](#)

📄 [Download Text \(.txt\) file](#)

Reading Assignment

0 points possible (ungraded)
Read Unit 3.1.1 of the notes. [\[LINK\]](#)

☒ Done

✓

Submit

✓ Correct

Discussion

Topic: Week 3 / 3.1.1

Hide Discussion

Add a Post

Show all posts ▼

by recent

Calculator

There are no posts in this topic yet.

×

Homework 3.1.1.1

1/1 point (graded)

Click on the below link to open a browser window with the Timmy Two Space" exercise. This exercise was suggested to us by our colleague Prof. Alan Cline. It was first implemented using an IPython Notebook by Ben Holder. During the Spring 2014 offering of LAFF on the edX platform, one of the participants, Ed McCardell, rewrote the activity as the below webpage.

Timmy! on the web.

(You can instead locally open the file LAFF-2.0xM -> Timmy -> index.html)

If you get really frustrated there is a hint in the below video.

☒ Done

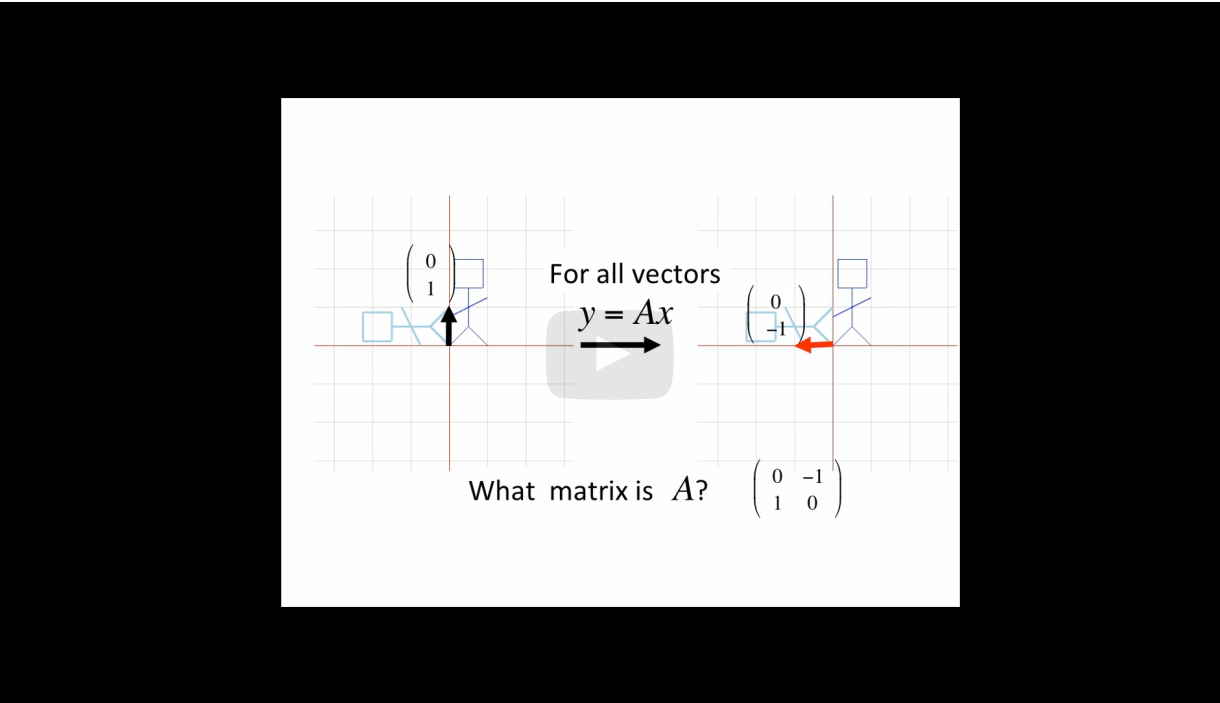
✓

Submit

i Answers are displayed within the problem

Errata: In 3.1.1 Timmy Hint Video. at 1:16, the unit basis vector (0,1) transformed to (-1,0).

Timmy Hint



Notice that it points a little bit above the left hand of Timmy.

And if we look at how that needs to be transformed,

we notice that gets transformed into the vector minus 1, 0.

So that gives us the second column of matrix A. And as a result,

we know that the matrix is 0, 1 for the first column;

minus 1, 0 for the second column.

1:29 / 1:29

2.0x

CC

Video

< Previous

Next >



edX

- About
- Affiliates
- edX for Business
- Open edX
- Careers
- News

Legal

- Terms of Service & Honor Code
- Privacy Policy
- Accessibility Policy
- Trademark Policy
- Sitemap
- Cookie Policy
- Your Privacy Choices

Connect

- Idea Hub
- Contact Us
- Help Center
- Security
- Media Kit



© 2023 edX LLC. All rights reserved.
深圳市恒宇博科技有限公司 [粤ICP备17044299号-2](#)