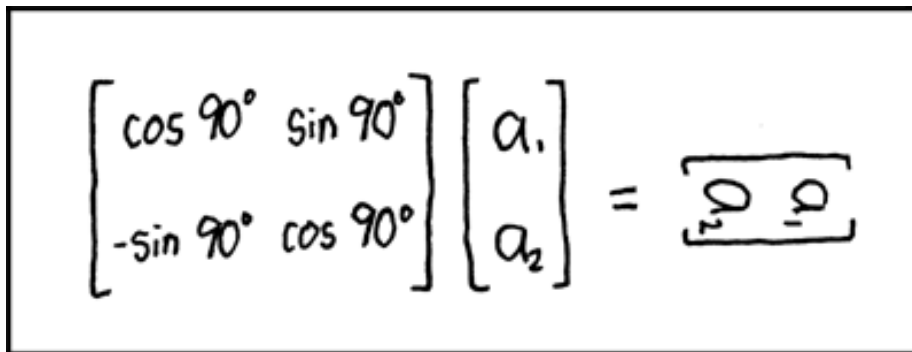


Math 308 H - Kevin Lui (klui@uw.edu)

Office Hours in Padelford C8D

- Monday 9:30 - 11:30



A handwritten equation inside a rectangular box. The equation represents a 90-degree counter-clockwise rotation in the plane. It shows a 2x2 rotation matrix multiplied by a column vector of components a_1 and a_2 , resulting in a new column vector with components $-a_2$ and a_1 .

$$\begin{bmatrix} \cos 90^\circ & \sin 90^\circ \\ -\sin 90^\circ & \cos 90^\circ \end{bmatrix} \begin{bmatrix} a_1 \\ a_2 \end{bmatrix} = \begin{bmatrix} -a_2 \\ a_1 \end{bmatrix}$$

Figure 1:

Grading

- 20% Homework
- 20% Midterm 1 - 4/20
- 20% Midterm 2 - 5/18
- 40% Final - 6/7

Schedule

- Week 1 - Section 1.1, 1.2
- Week 2 - Section 2.1, 2.2, 2.3
- Week 3 - Section 2.3, 3.1
- Week 4 - Section 3.1, Midterm
- Week 5 - Section 3.2, 3.3
- Week 6 - Section 4.1, 4.2
- Week 7 - Section 4.3, 4.4, 5.1
- Week 8 - Section 5.2, Midterm
- Week 9 - Section 6.1, 6.2
- Week 10 - Section 6.2, 6.3

Links

- [Syllabus](#)
- [Exams](#)
- [Amazing linear algebra videos by 3Blue1Brown](#)
- [Notes by Connor Ahlback](#)
- [CLUE](#)