

Determinants In-depth

Eigenvalues and Eigenvectors

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Video: Bases in Linear Algebra
2 min
- ✓

Video: Span in Linear Algebra
3 min
- ✓

Linear Span
15 min
- ▶

Video: Eigenbases
3 min
- ▶

Video: Eigenvalues and eigenvectors
5 min
- ▶

Video: Conclusion
24 sec
- 📋

Quiz: Eigenvalues and Eigenvectors
10 questions
- 📖

Reading: How is your course
experience so far?
10 min

Lecture Notes

Programming Assignment:
Eigenvalues and Eigenvectors

Course Resources

This is an ungraded tool to develop your understanding of the material. You can select vectors and adjust their coefficients to visualize linear span. Use the mouse controls to rotate the plot or zoom in/out.

Span vectors:

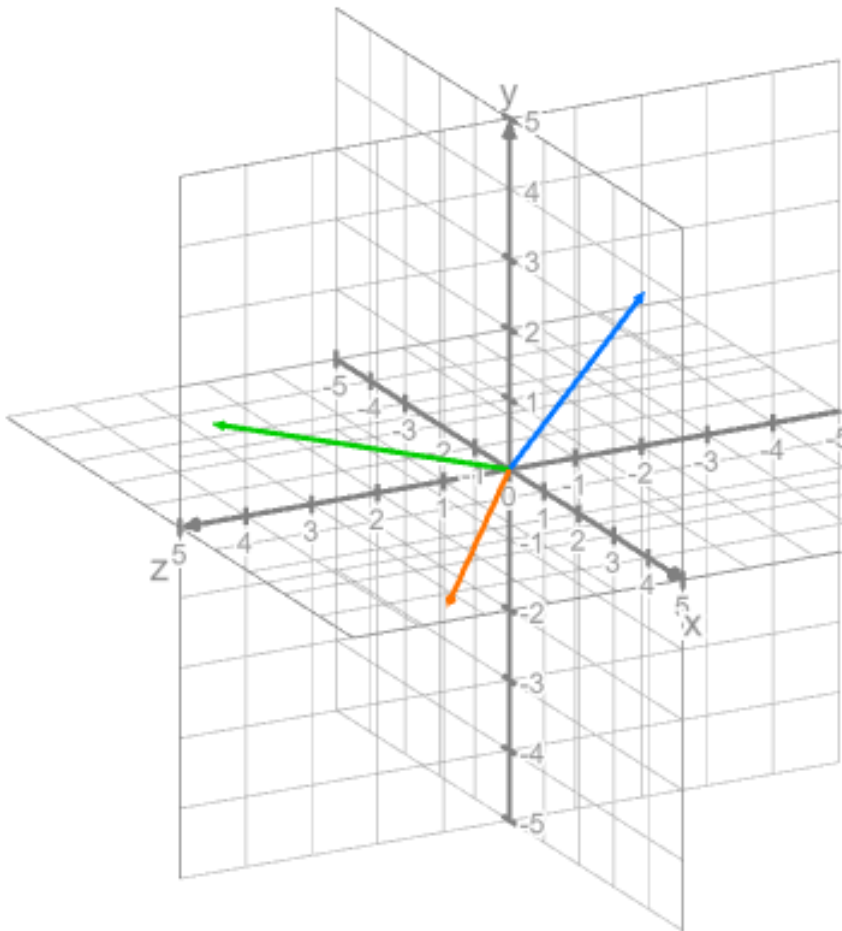
☐ $v_1 = [2, 3, -1]$

☐ $v_2 = [2, -1, 2]$

☐ $v_3 = [-1, 1, 4]$

Span type:

none



↗ Expand

✓ Complete

Go to next item

