

Specialization & Course Introduction

System of linear equations: 2 variables

Ungraded Lab

System of linear equations: 3 variables

- ✔ Video: System of equations (3x3)
3 min
- ✔ Video: Singular vs non-singular matrices (3x3)
2 min
- ✔ Video: System of equations as planes (3x3)
4 min
- ✔ System of Equations as Planes (3x3)
15 min
- ▶ Video: Linear dependence and independence (3x3)
5 min
- ▶ Video: The determinant (3x3)
4 min
- ▶ Video: Conclusion
26 sec
- 📋 Quiz: Matrices
10 questions
- 🔗 Ungraded External Tool:
[IMPORTANT] Have questions, issues or ideas? Join our Community!
10 min

Ungraded Lab

Lecture Notes

This is an ungraded tool to develop your understanding of the material. You can visualize linear systems with 3 variables discussed in the videos. Use the mouse controls to rotate the plot or zoom in/out.

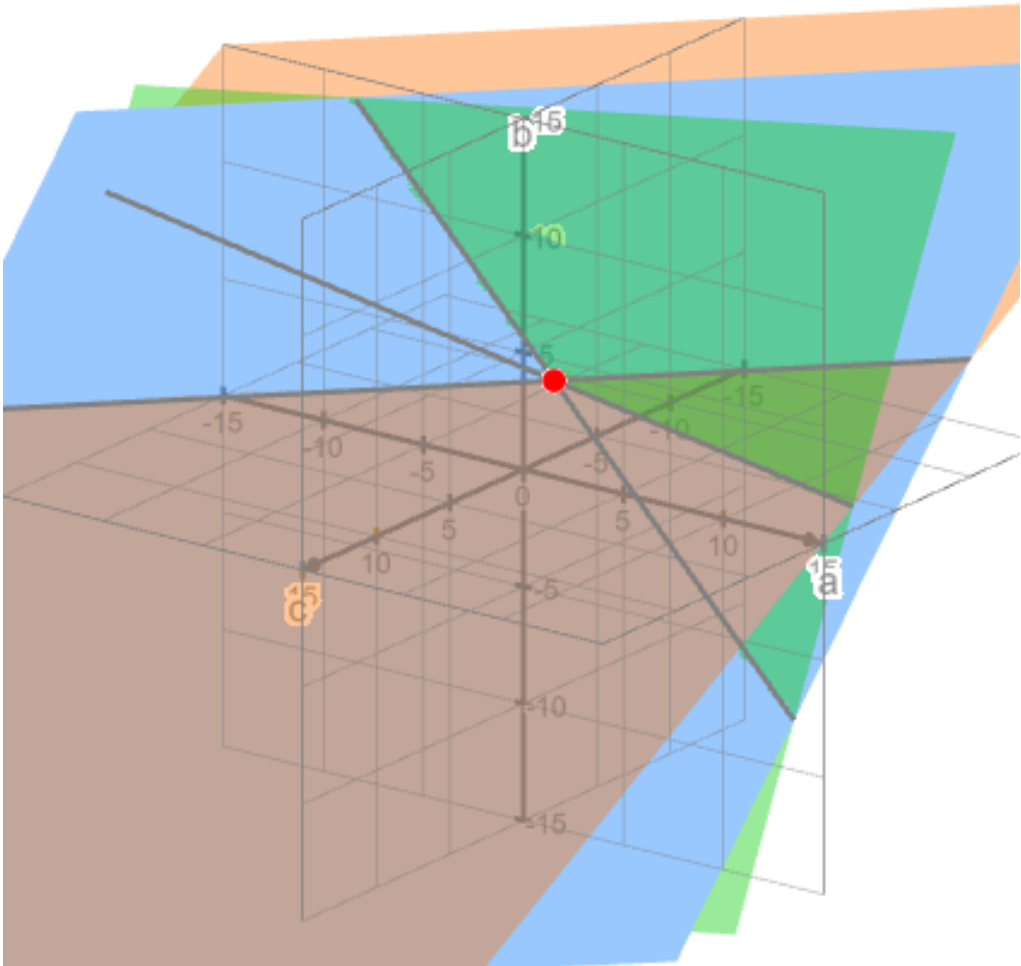
Choose system of equations:

System 1

$$\begin{cases} a + b + c = 10 \\ a + 2b + c = 15 \\ a + b + 2c = 12 \end{cases}$$

Solution:

point (3, 5, 2)



Expand

Complete

Go to next item

