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1. Objectives

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By the end of this lecture, and after some practice, you will be able to:

- Recognize **equations of planes** from equations and level curves.
- Find the **tangent plane** (linear) approximation to a function of two variables.
- Use relationship between the level curves of a function and the level curves of its tangent plane to **estimate values of a function at nearby points** .

Lecture Contents: 12 pages

7 videos (38 minutes 1x speed)

13 questions

1. Objectives

Topic: Unit 1: Functions of two variables / 1. Objectives


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