
MULTIVARIABLE CALCULUS

PUBLIC NOTES FOR ANY MULTIVARIABLE
CALCULUS COURSE

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Chapter 1

Vectors and the Geometry of Space

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§1.1.1 About 3D Coordinate Systems

§1.1.2 The Distance Formula (3D)

§1.1.3 Equation of a Sphere

§1.2 Vectors

§1.2.1 About Vectors

§1.2.2 Vector Components and Magnitudes

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§1.5 Equations of Lines and Planes

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Chapter 2

Partial Derivatives

Chapter 3

Multiple Integrals

Chapter 4

Vector Calculus