

2.3 Vector Algebra (pp. 11-16)

A. Arithmetic Operations of Vectors

HO: Arithmetic Operations of Vectors

B. Arithmetic Operations of Vectors and Scalars

C. Multiplicative Operations of Vectors and Scalars

HO: Multiplicative Operations of Vectors and Scalars

HO: The Unit Vector

D. Multiplicative Operations of Vectors

HO: The Dot Product

HO: The Cross Product

HO: The Triple Product

E. Vectors Algebra

HO: Example: Vector Algebra

HO: Scalar, Vector, or Neither?

F. Orthogonal and Orthonormal Vector Sets

HO: Orthogonal and Orthonormal Vector Sets