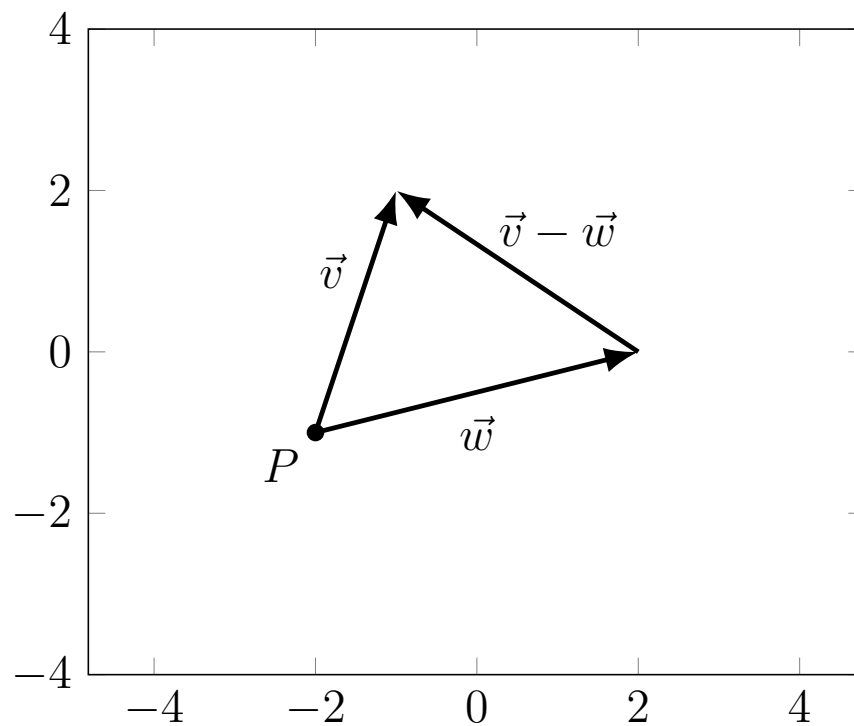
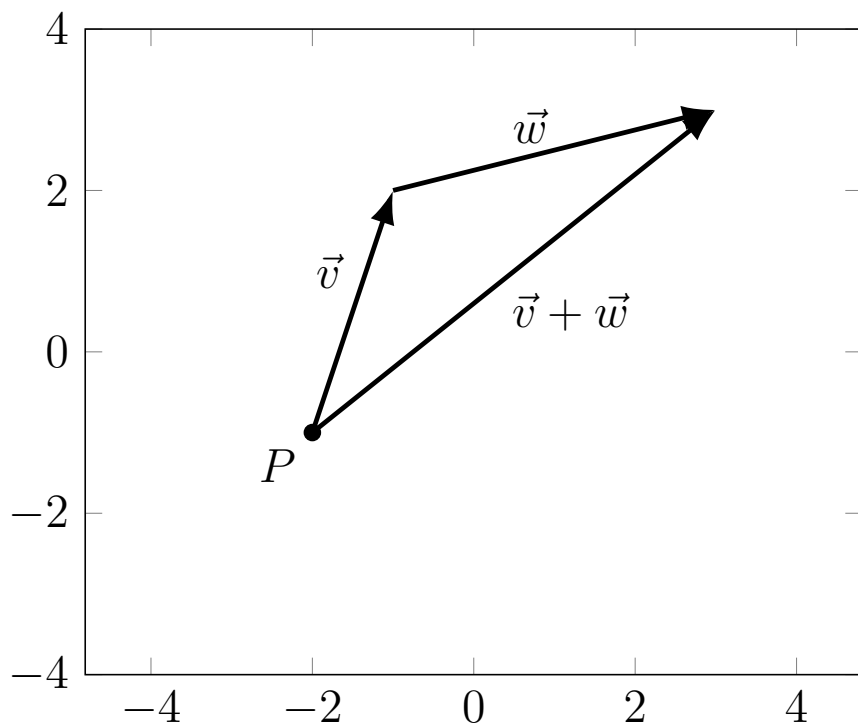
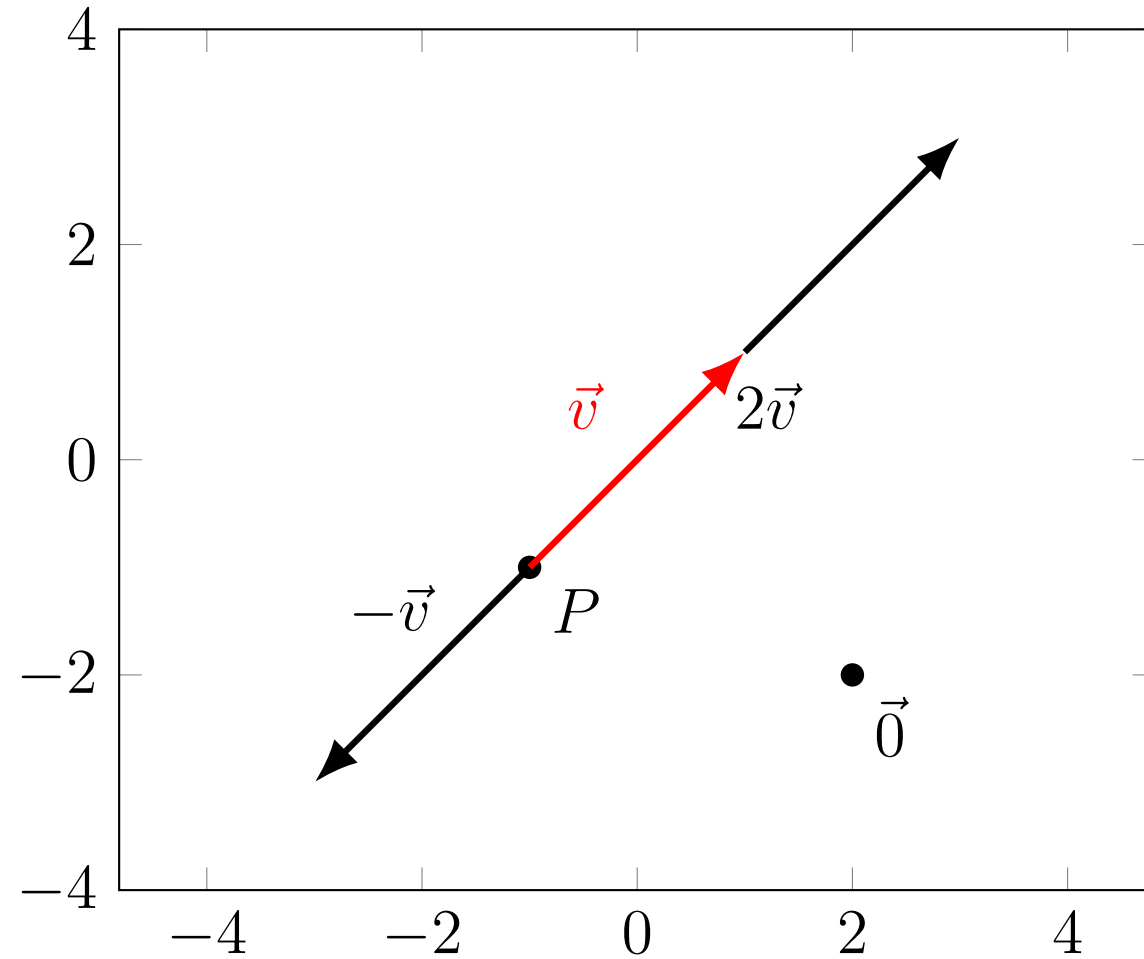


1 Vectors and Geometry

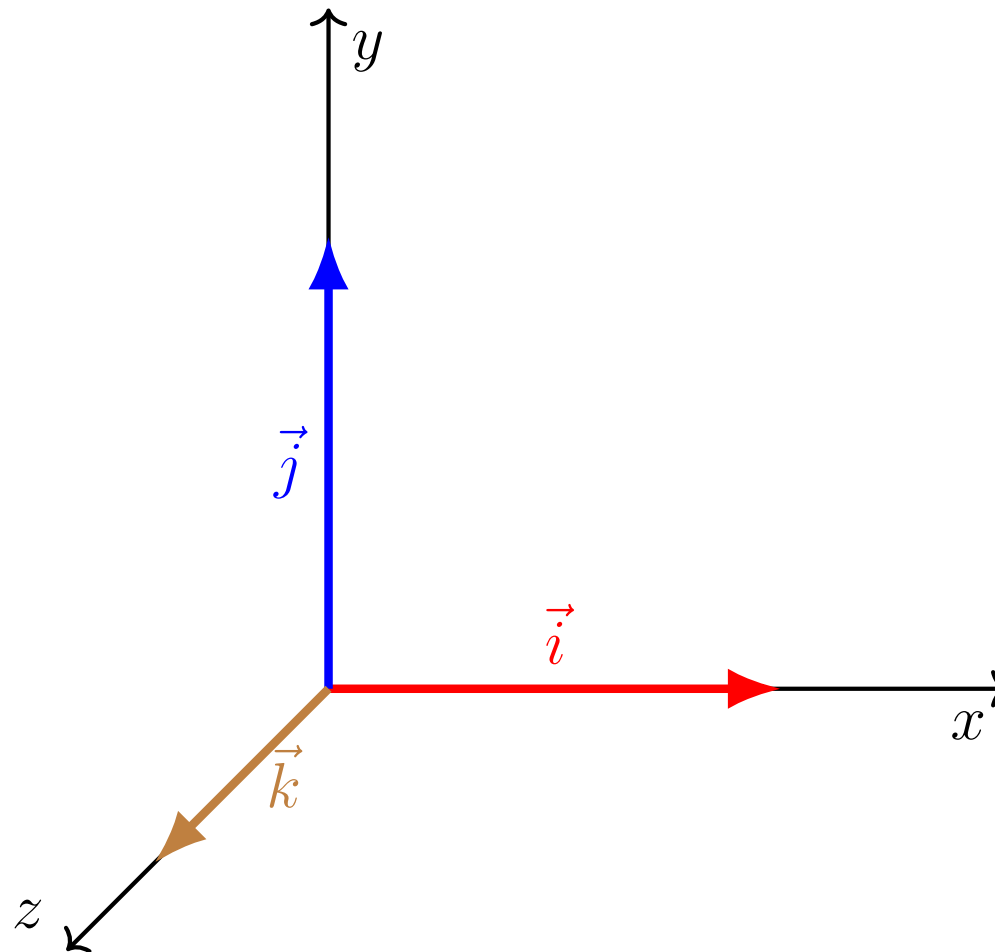
1.1 Functions, twospace, and threespace

1.2 Vectors in Space



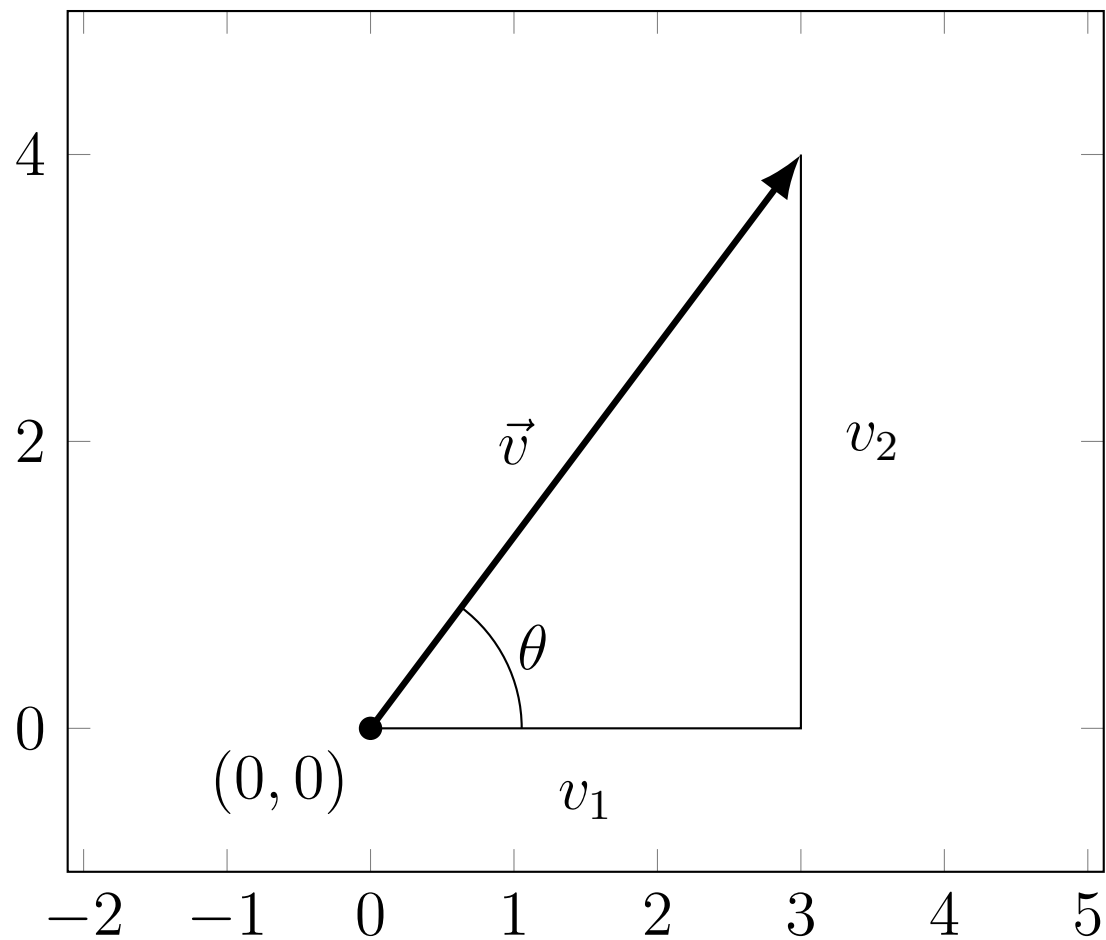


1.2.1 Vector Components and Algebra

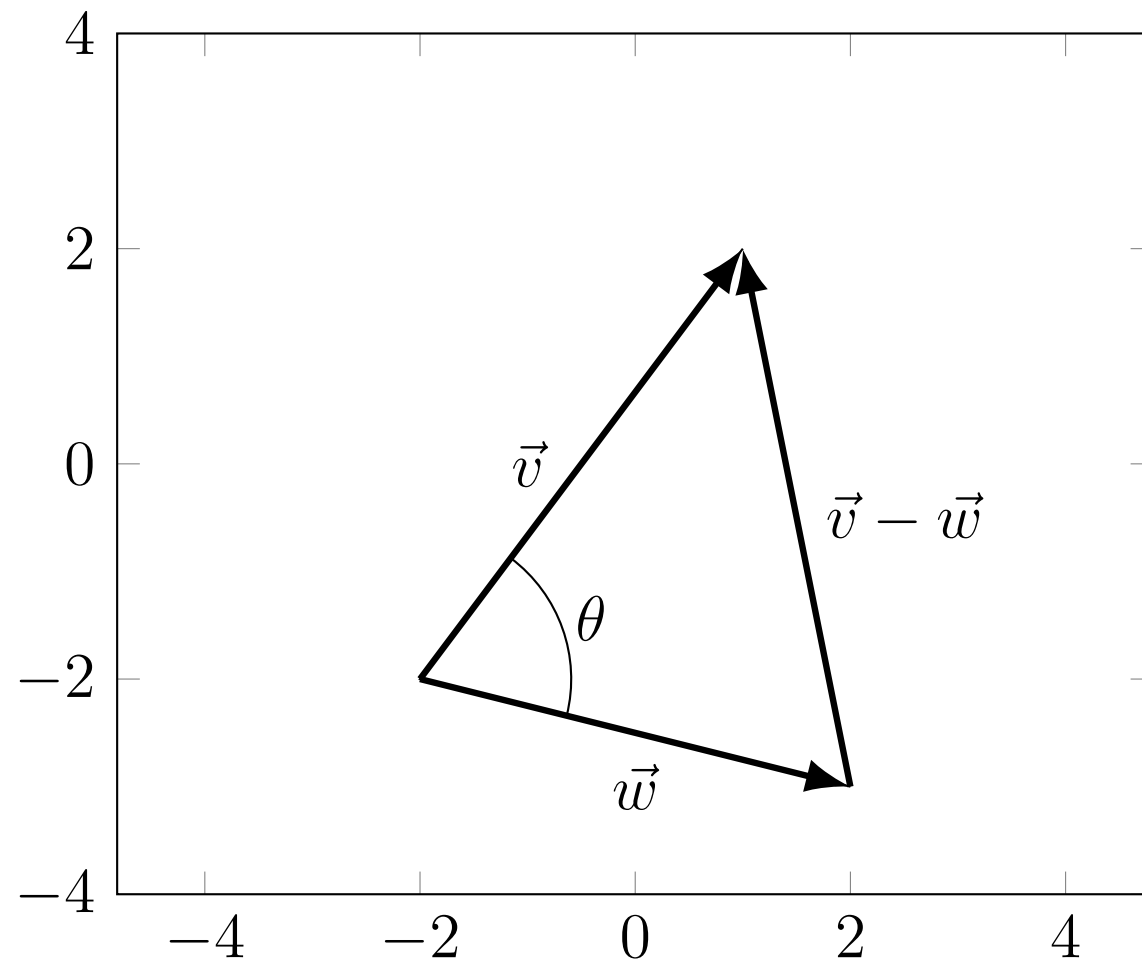


1.3 Angles, Magnitudes and the Dot Product

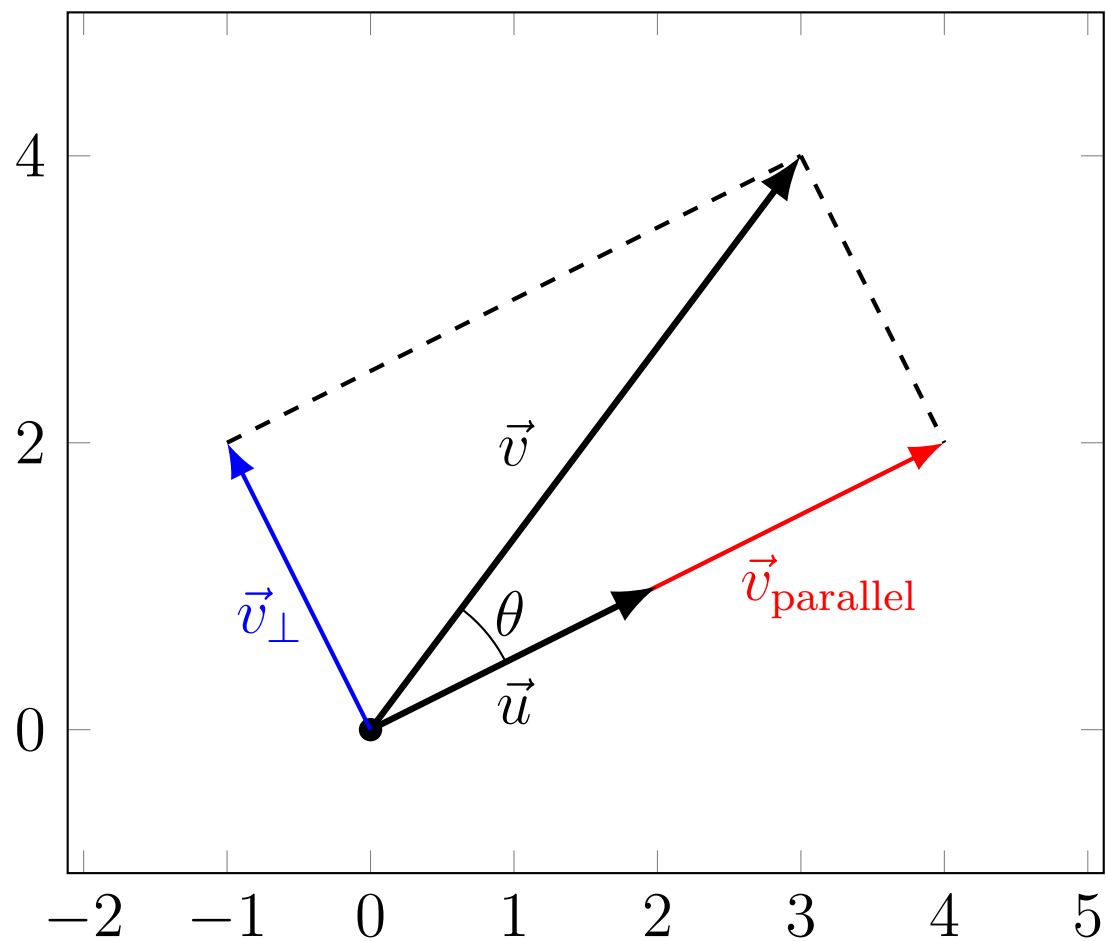
1.3.1 Vector Magnitudes



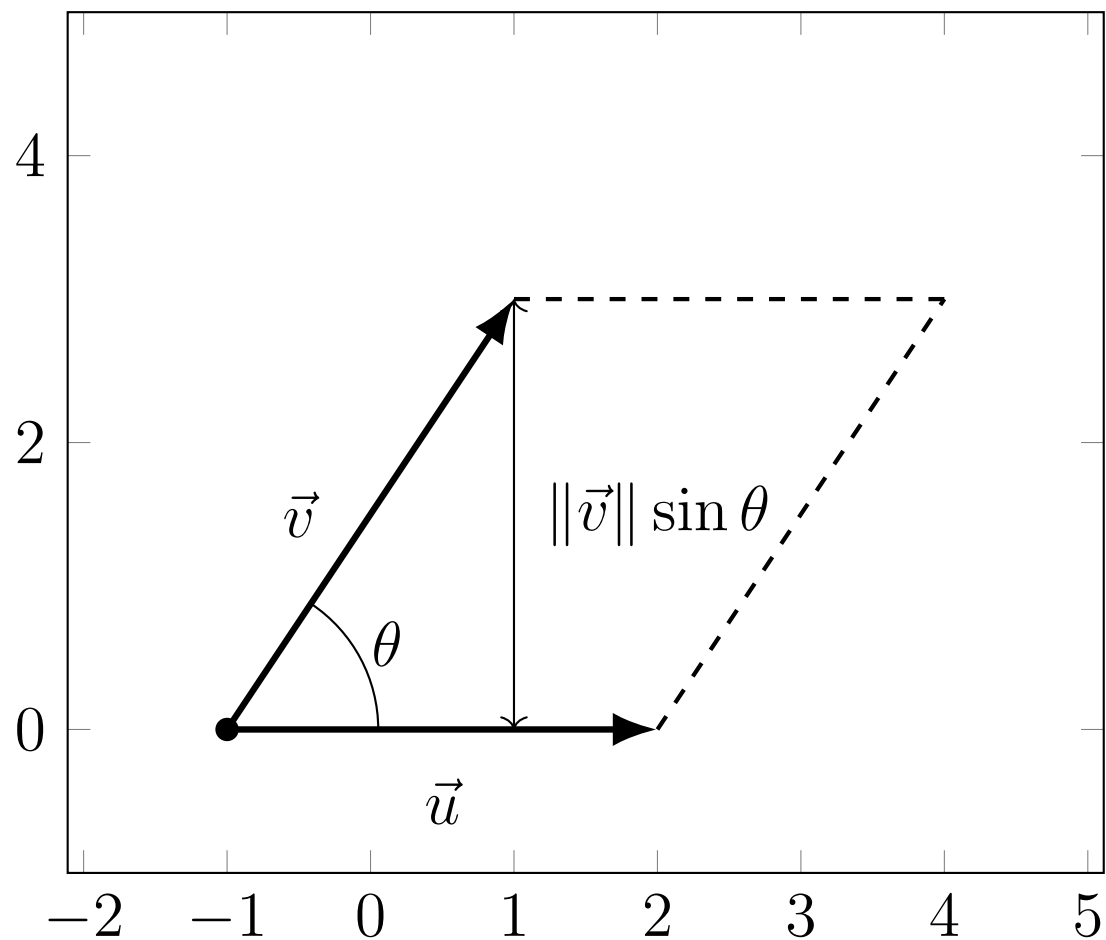
1.3.2 The Dot Product



1.3.3 Projection



1.4 The Cross Product



1.5 Plane Equations