



§10.4 Vectors

Unit Vectors

unit vectors: i , j , k in direction x-axis, y-axis, z-axis

Add & Subtract Vectors Algebraically

$$v = (a_1, b_1) = a_1i + b_1j \quad w = (a_2, b_2) = a_2i + b_2j$$

$$v + w = (a_1 + a_2)i + (b_1 + b_2)j$$