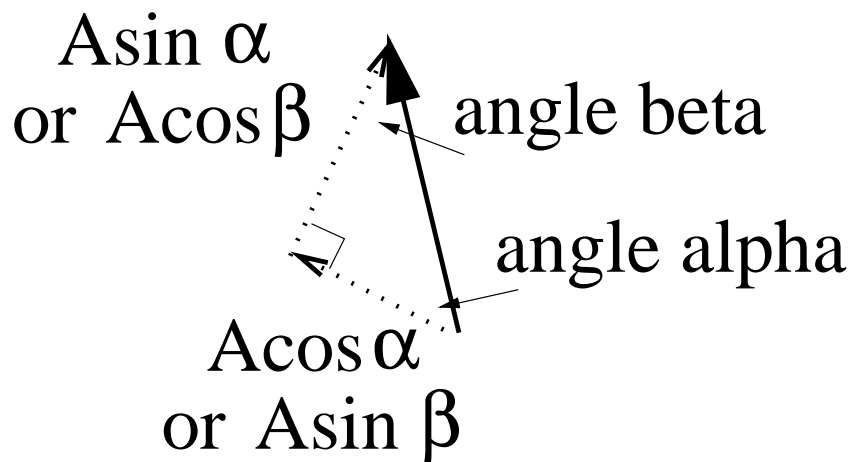
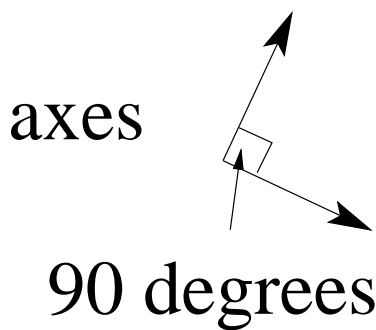


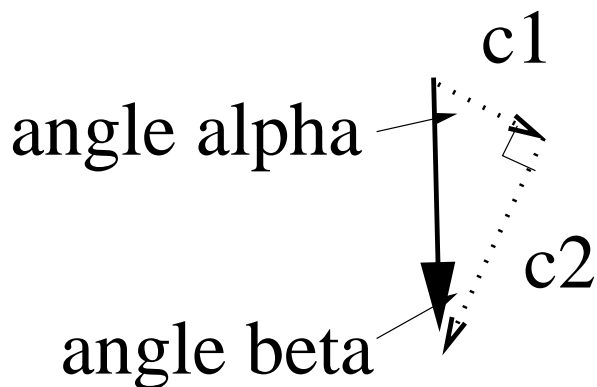


A vector is the sum of its components.



For these axes, B  
has only one component

If the components are known, the vector  
magnitude and direction can be found.



$$|\underline{C}| = \text{sqrt}(c1^2 + c2^2)$$

$$\text{alpha} = \text{atan}(c2/c1)$$

$$\text{beta} = \text{atan}(c1/c2)$$