

Unit 7

Find the position vector (component form)

https://www.youtube.com/watch?v=MGEz57SVn_w

Describing its components ($a\mathbf{i} + b\mathbf{j}$)

<https://www.youtube.com/watch?v=vEM16ICt3Jw>

Finding magnitude and direction of vector

<https://www.youtube.com/watch?v=WxWJorOVIj8>

Vector addition and scalar multiplication

<https://www.youtube.com/watch?v=IUzoNG4-Mlc>

Dot product of vectors

<https://www.youtube.com/watch?v=98C7iv8OcnI>

Determining if parallel, orthogonal, or neither

<https://www.youtube.com/watch?v=-aZOoHnelxc>