

Chapter 10

Vectors and the Geometry of space

Lecture 1

- Recall the definition of the dot product
- Complete the proof of the equality of two def
- Consequences of the above equality
 - Compute lengths and angles
 - Orthogonality
 - Components
- Area of a parallelogram
- Determinant for vectors in plane
- Determinants for vector in space (**Next Time**)

