



Week 7: 3D Geometry I **Part 3: A simple camera**

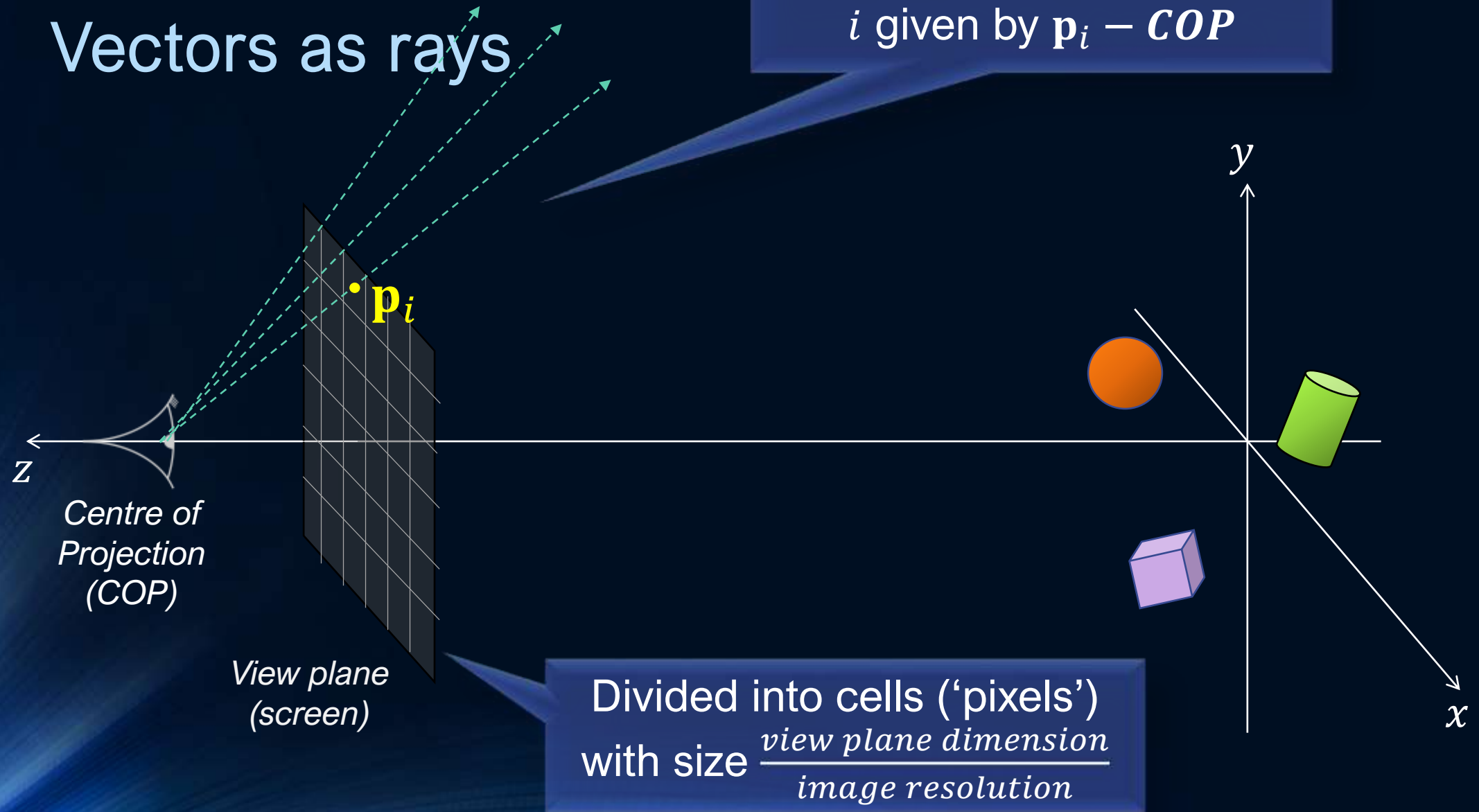
COMP270: Mathematics for 3D Worlds and Simulations

Objectives

- **Apply** vectors and intersection tests in transferring a 3D scene to a 2D screen

Vectors as rays

Direction of ray through cell i given by $\mathbf{p}_i - \text{COP}$



Colour by numbers



Zoom

