

Lecture 20

SPACE GEOMETRY

:: PLANES & PLANES



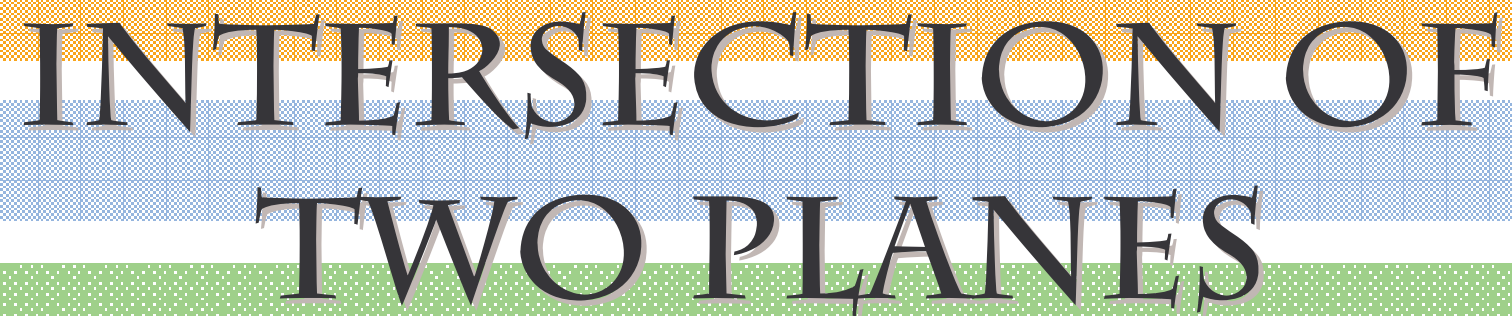
TA 101 : Engineering Graphics

2007-08 Semester II

January – May 2008

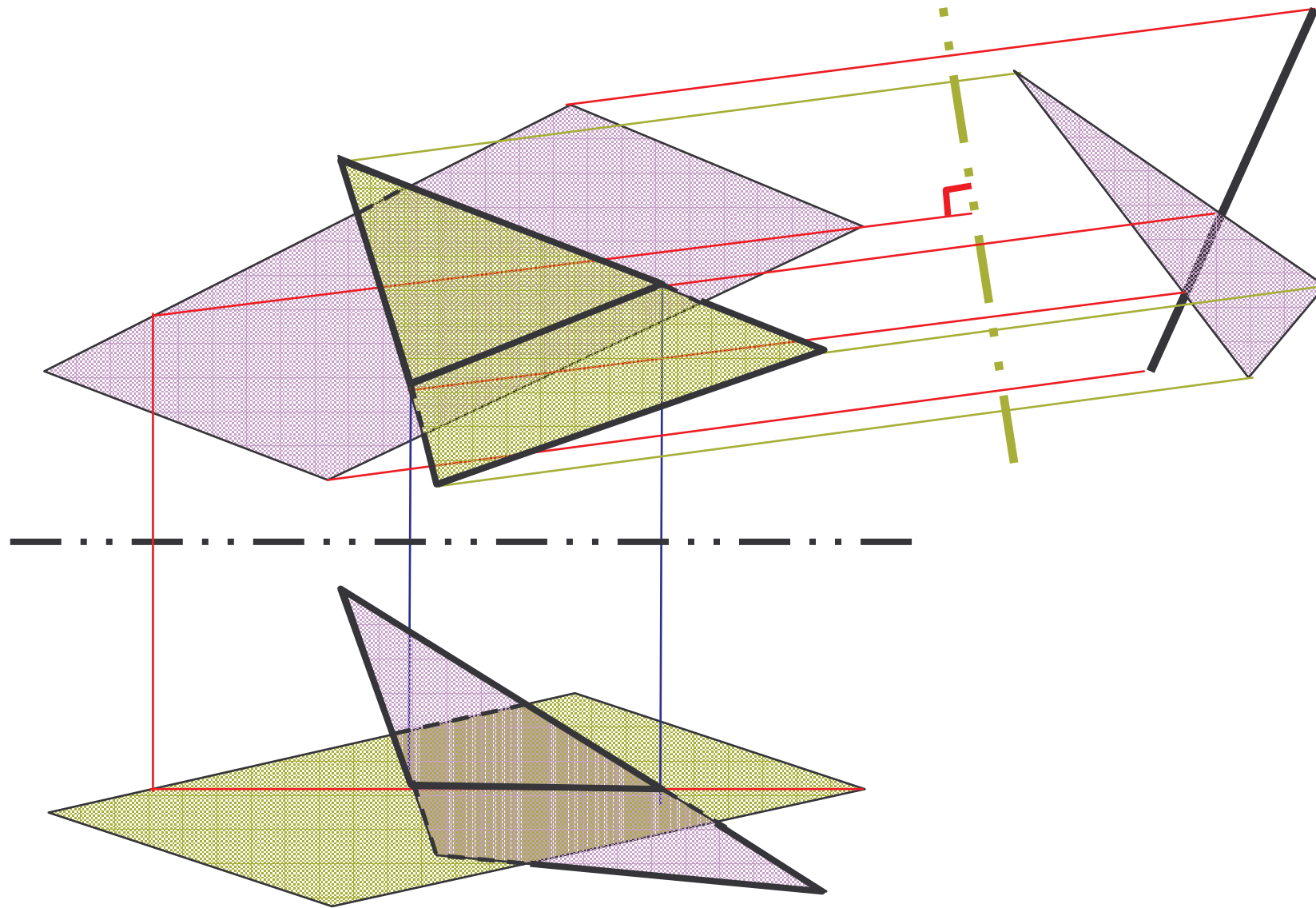
OUTLINE

- Intersection of two planes
 - Edge View Method
 - Cutting Plane Method
- Trace of a Plane

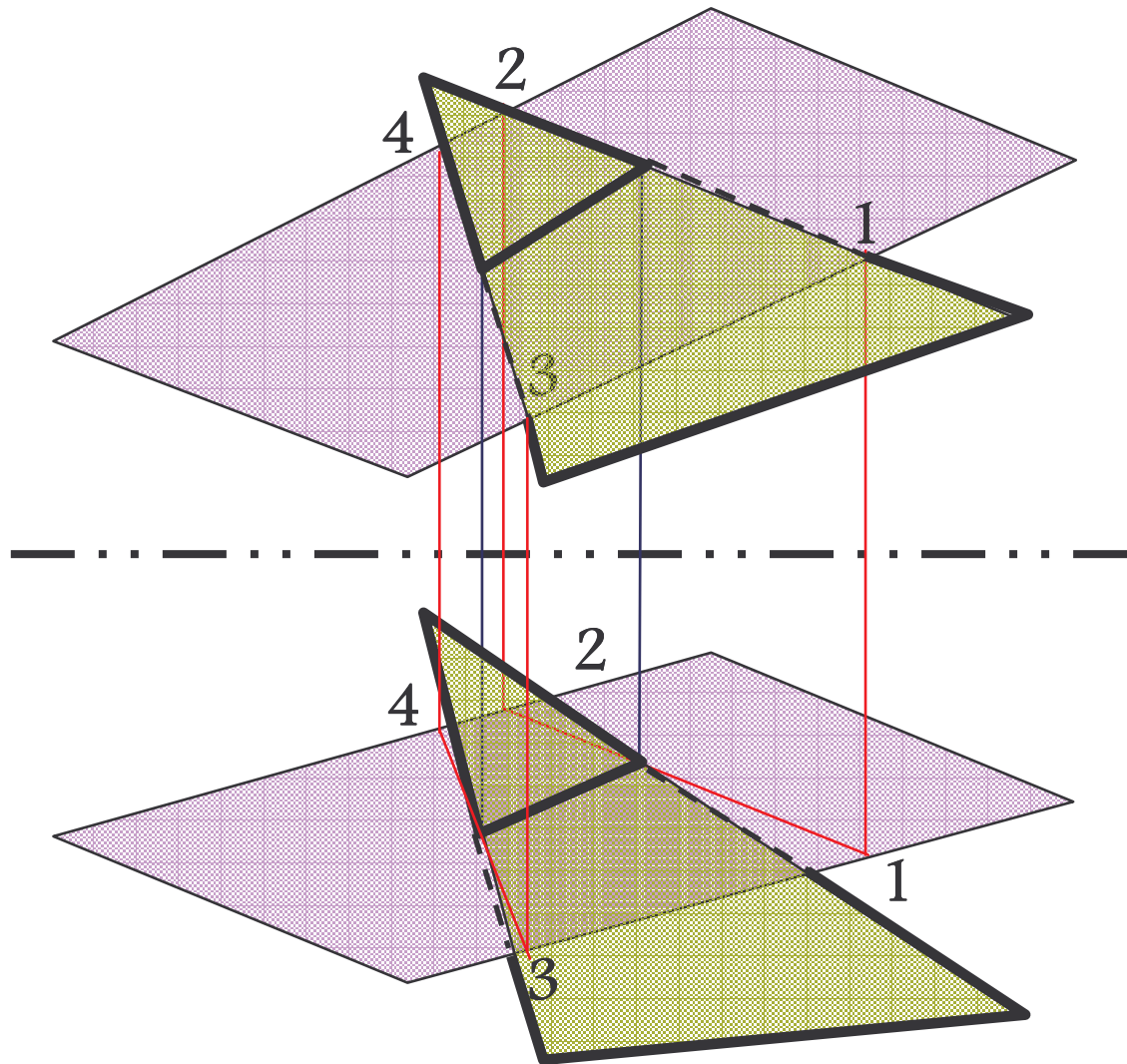


INTERSECTION OF TWO PLANES

EDGE VIEW METHOD



CUTTING PLANE METHOD

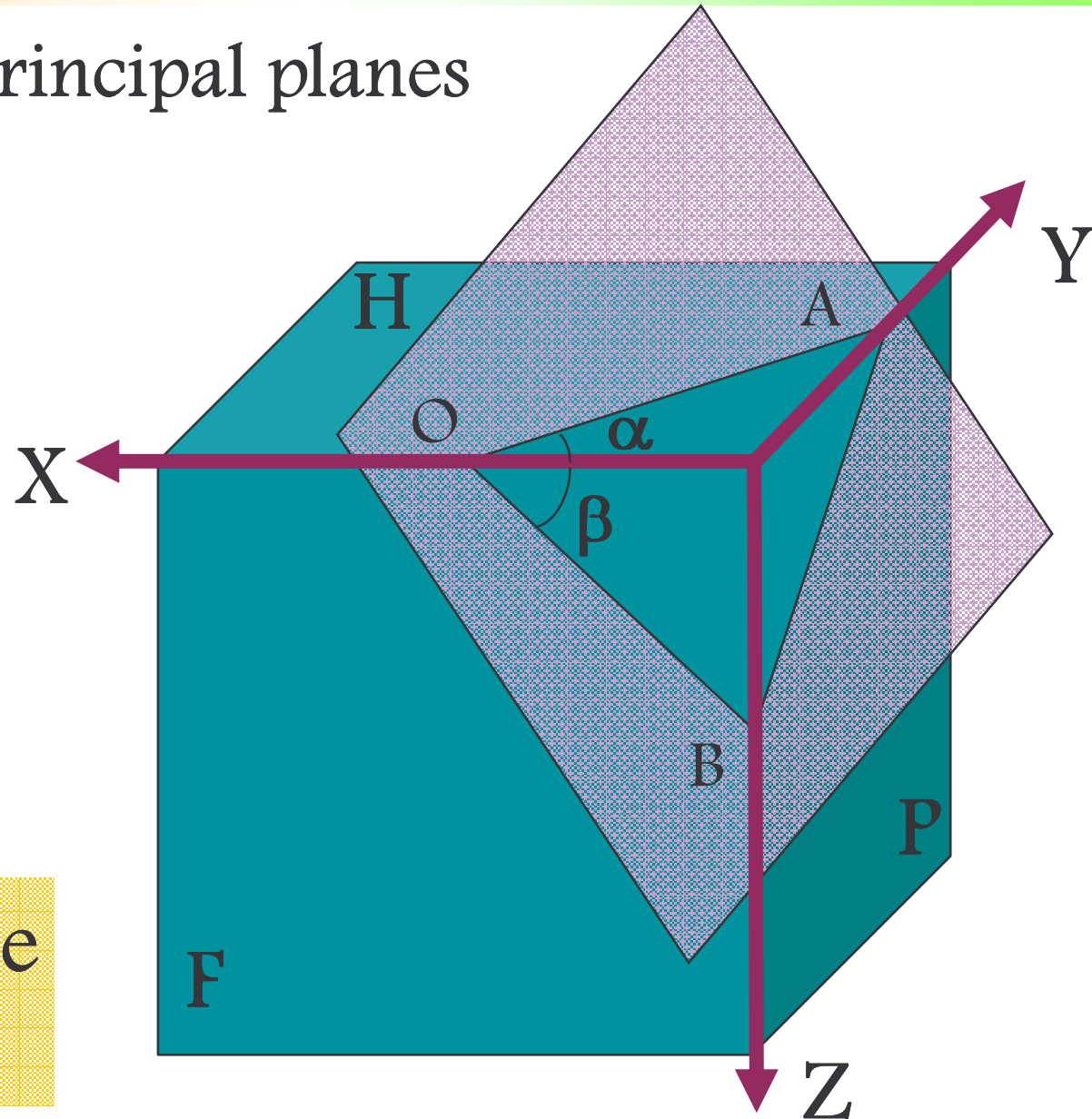




TRACE OF A PLANE

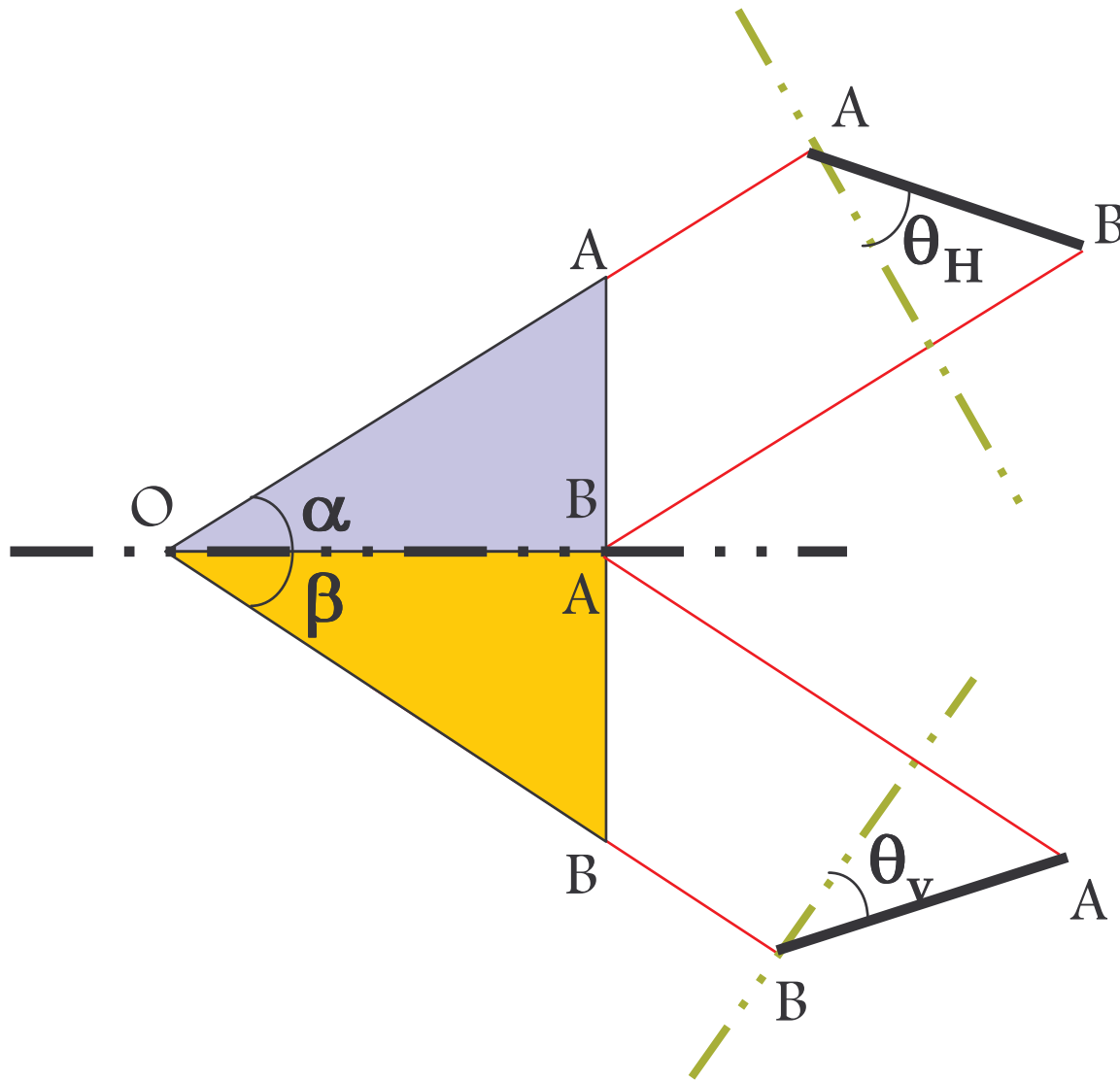
INTERSECTION WITH H, F & P PLANES

- Angles with principal planes

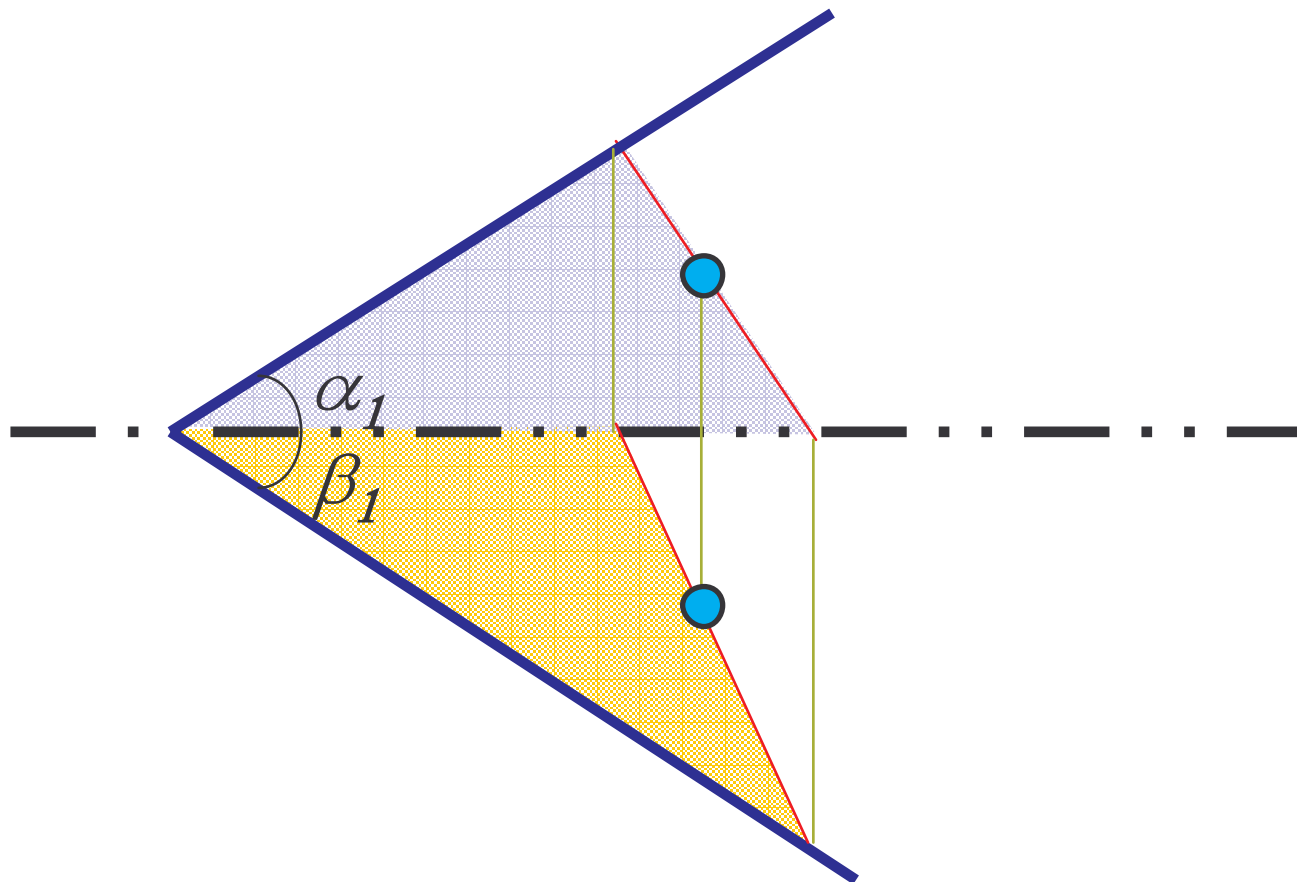


Traces of Plane
OA & OB

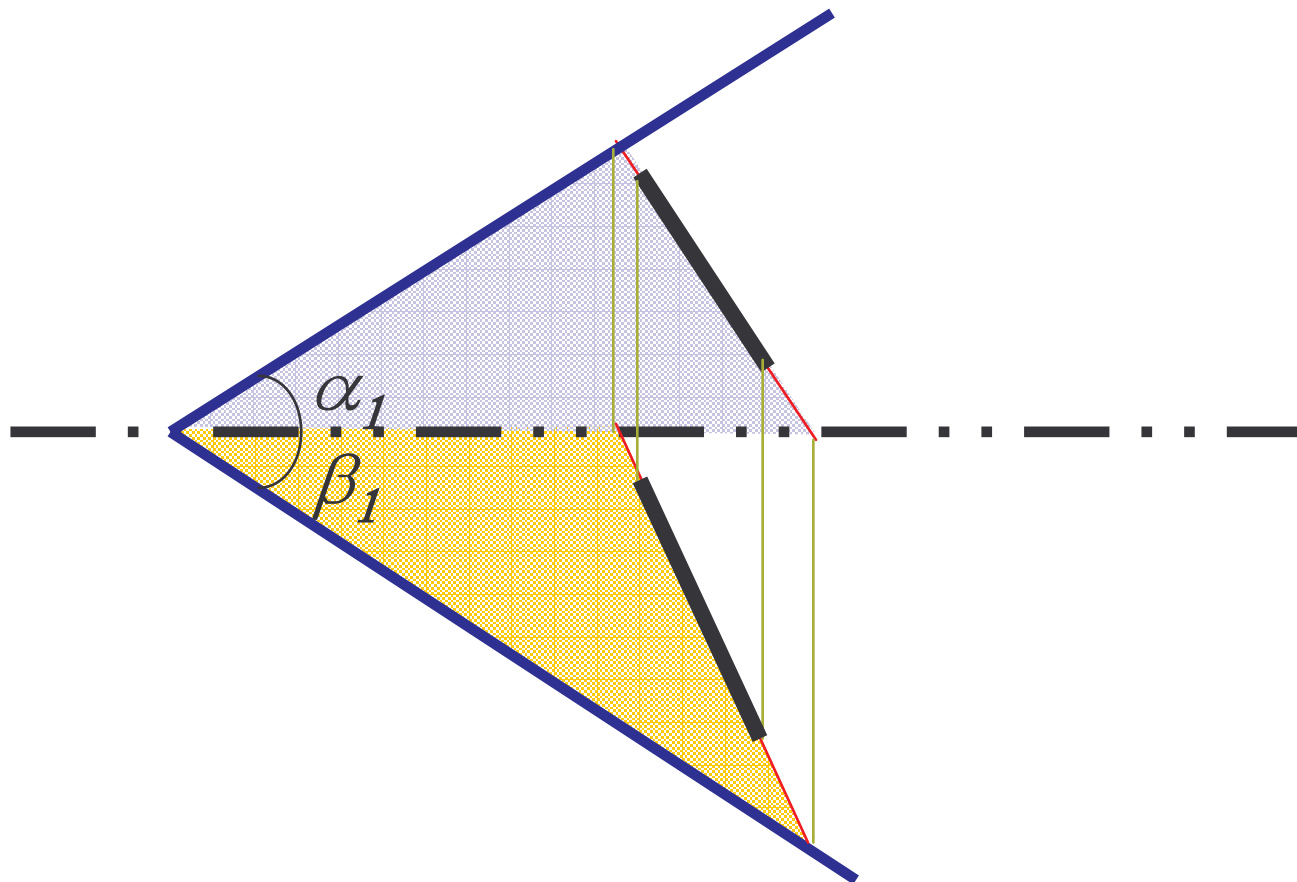
PROJECTION OF TRACE LINES



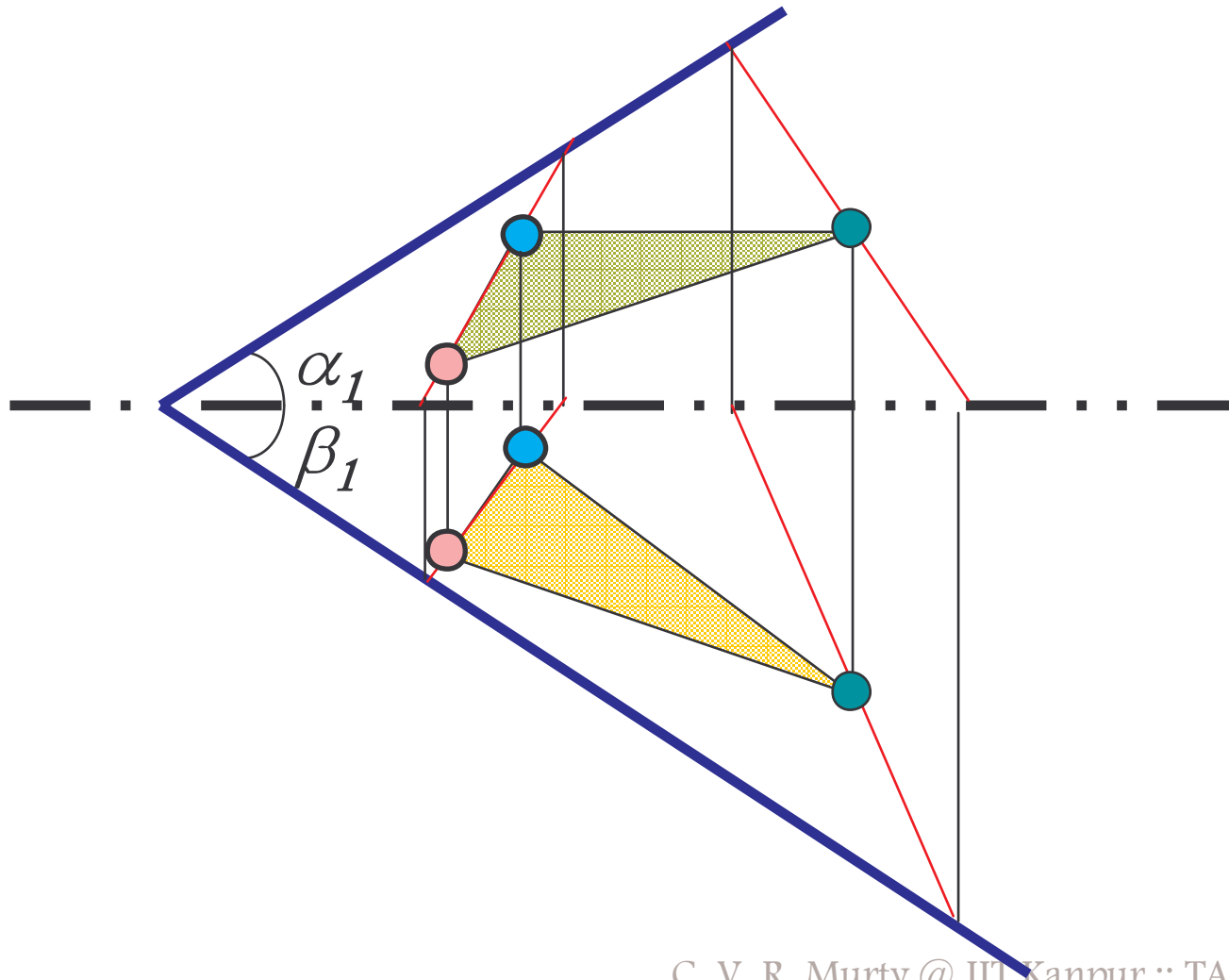
FIND THE OTHER VIEW OF A POINT



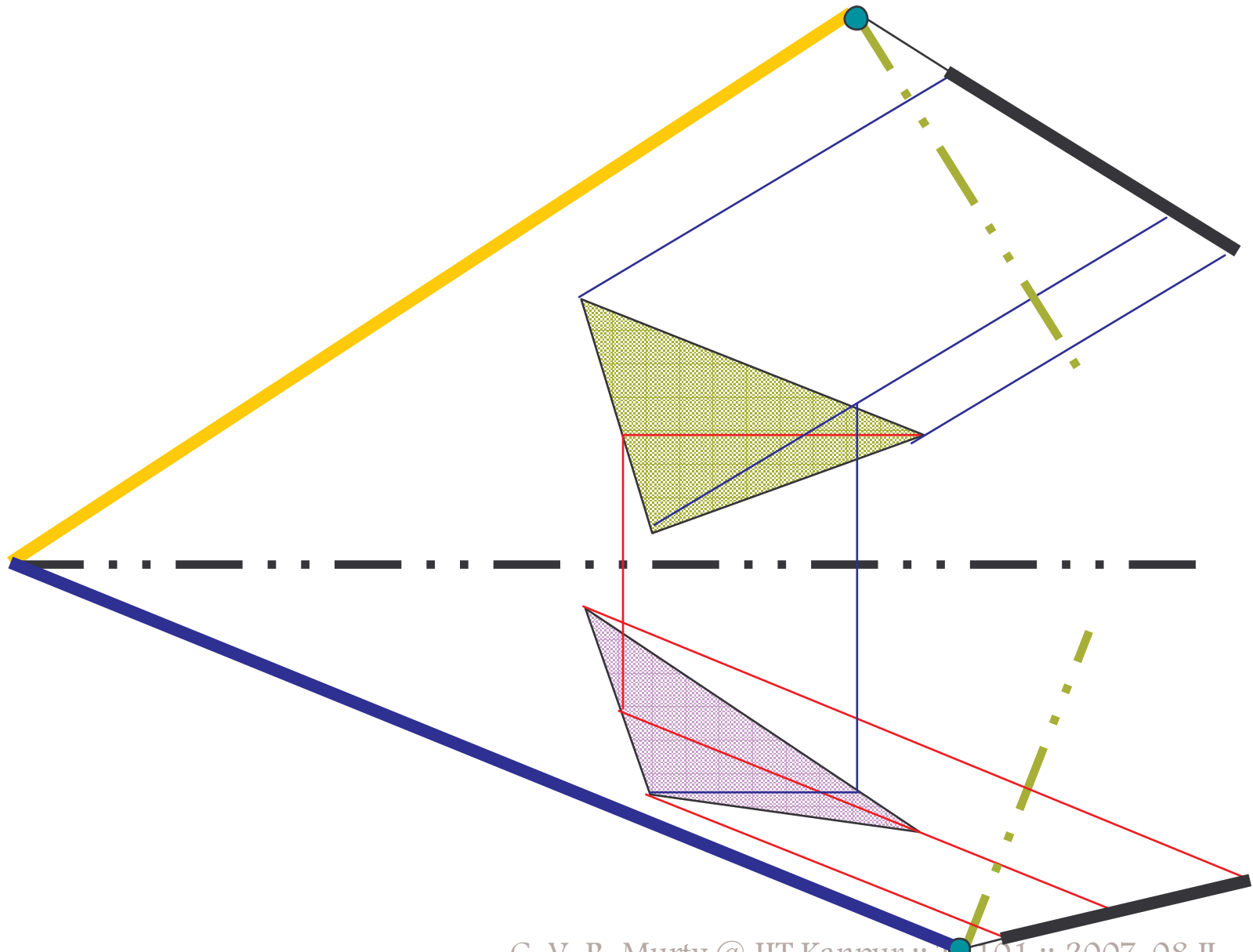
FIND THE OTHER VIEW OF A LINE



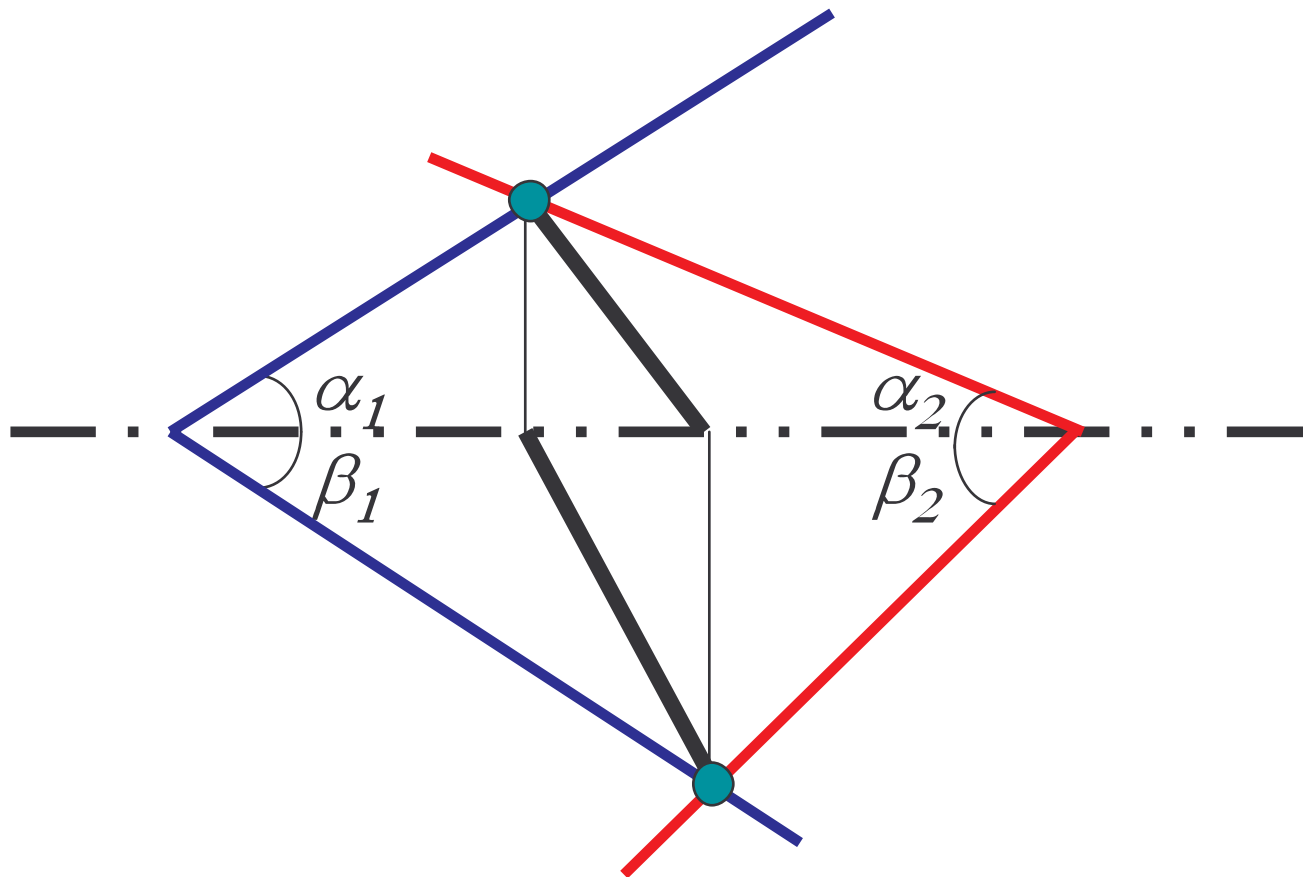
FIND A PLANE

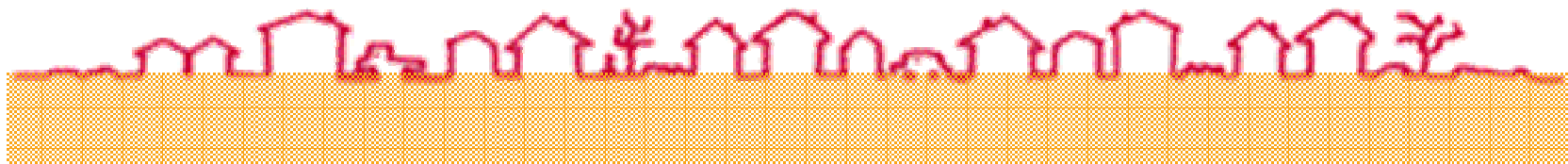


FIND THE TRACES OF A PLANE



INTERSECTION OF PLANES





Have a Great Day!!

