Lecture 24

SPACE GEOMETRY

:: INTERSECTION OF SOLIDS - SOLIDS & SOLIDS

TA 101 : Engineering Graphics

2007-08 Semester II

January – May 2008

OUTLINE

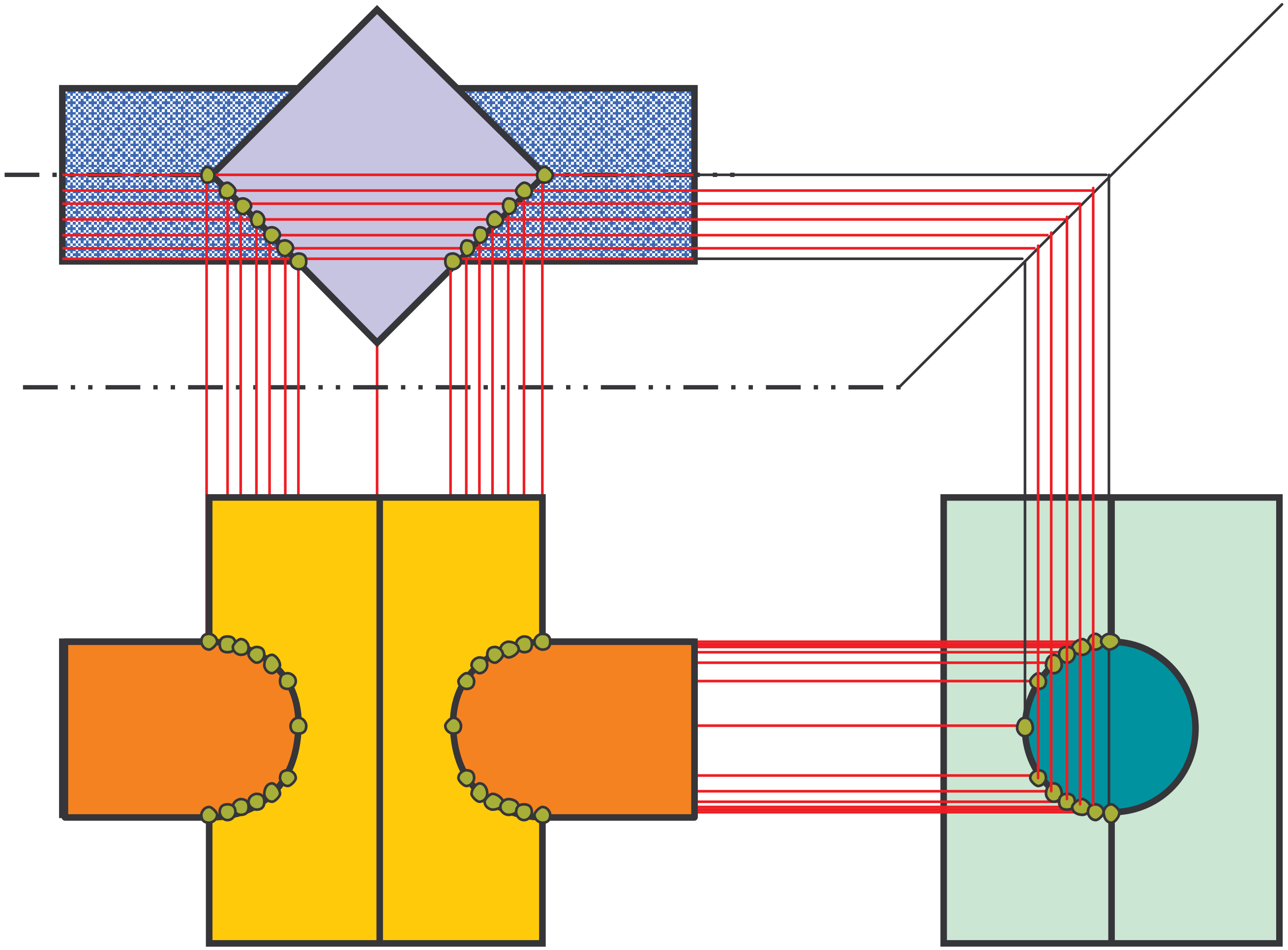
- Intersection of Solids and Solids
  - Line Method
  - Cutting Plane Method
- Examples
  - Cone and Square Prism
  - Cone and Triangular Prism

SOLIDS & SOLIDS

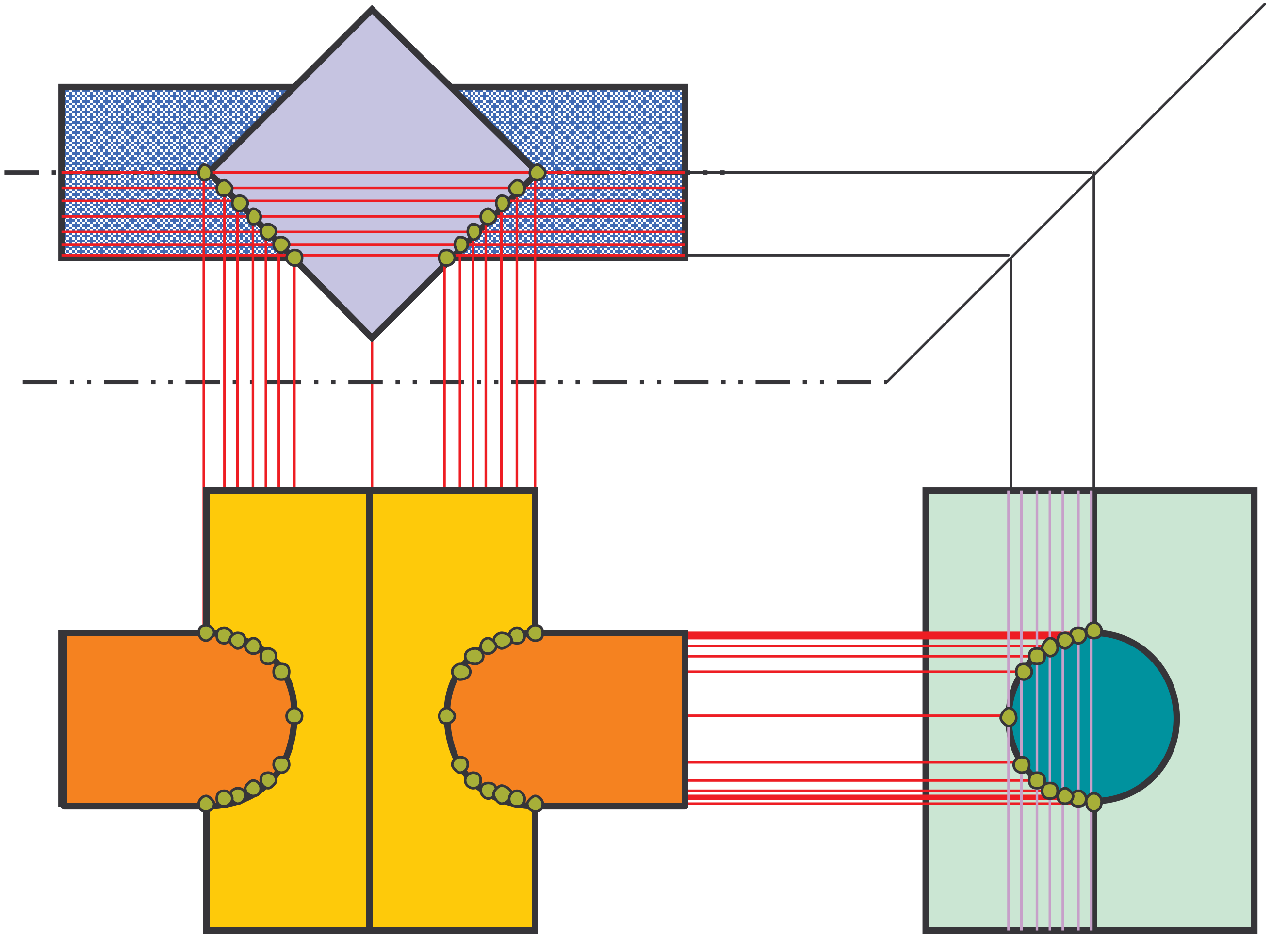
TWO METHODS

- Solids intersecting with solids
  - Line Method
  - Cutting Plane Method

LINE METHOD

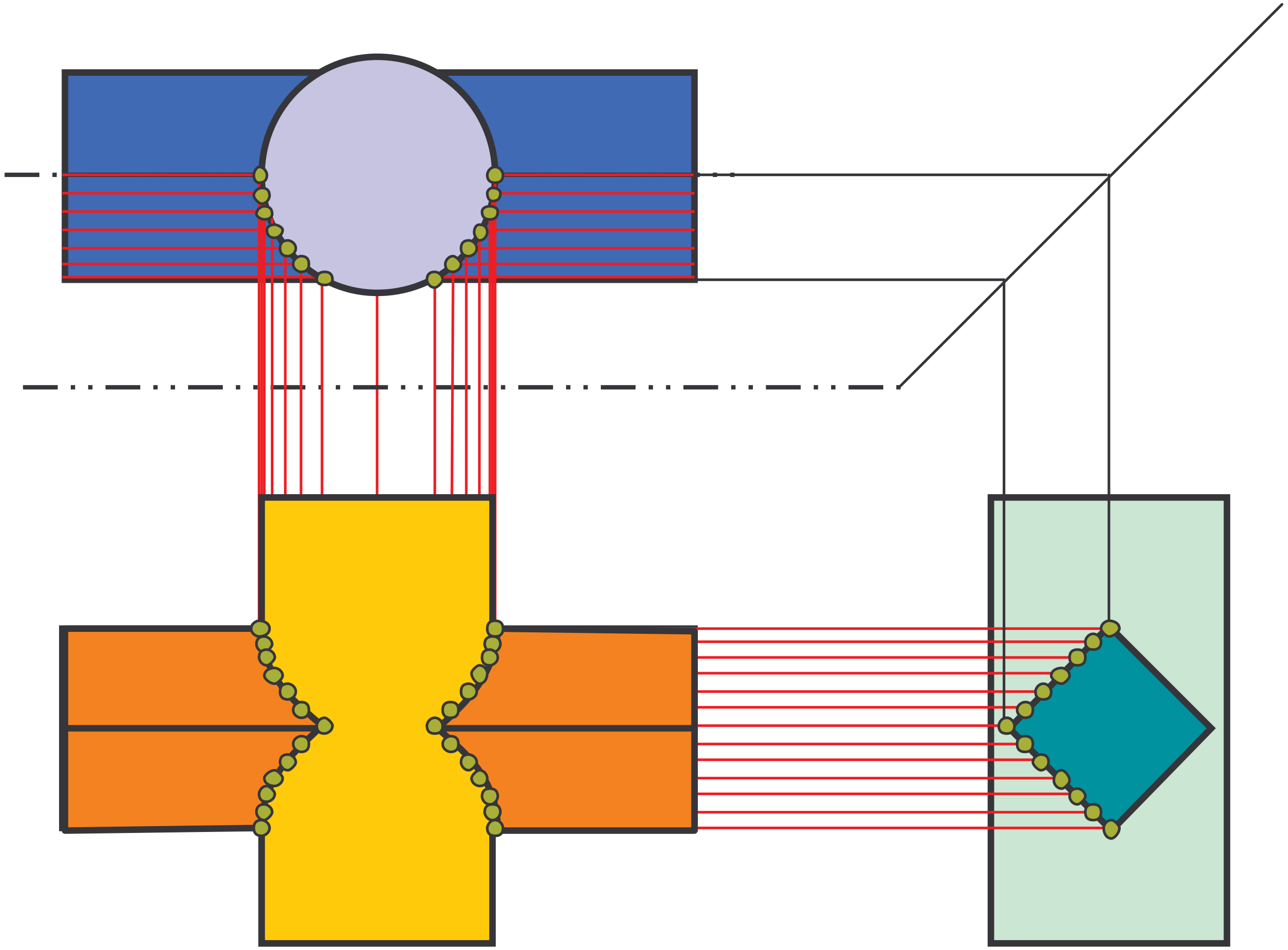


CUTTING PLANE METHOD

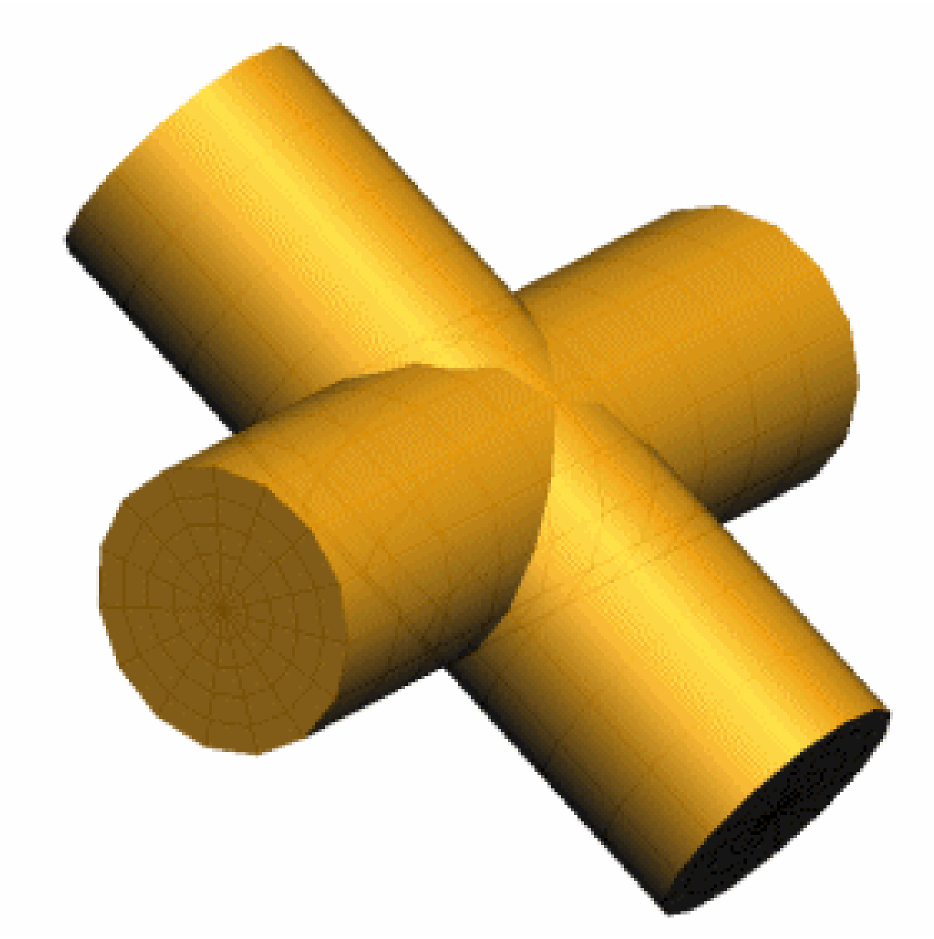


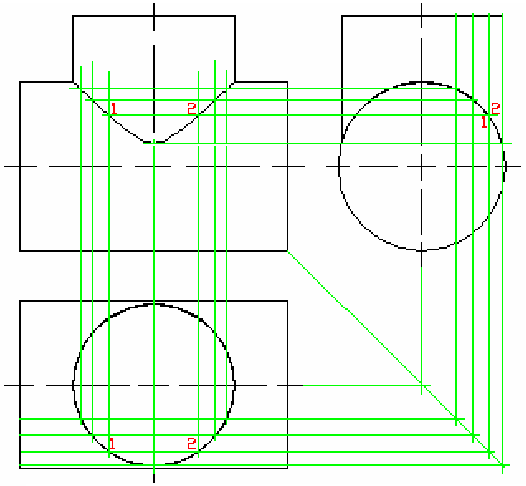
EXAMPLES

CYLINDER & PRISM : LINE METHOD

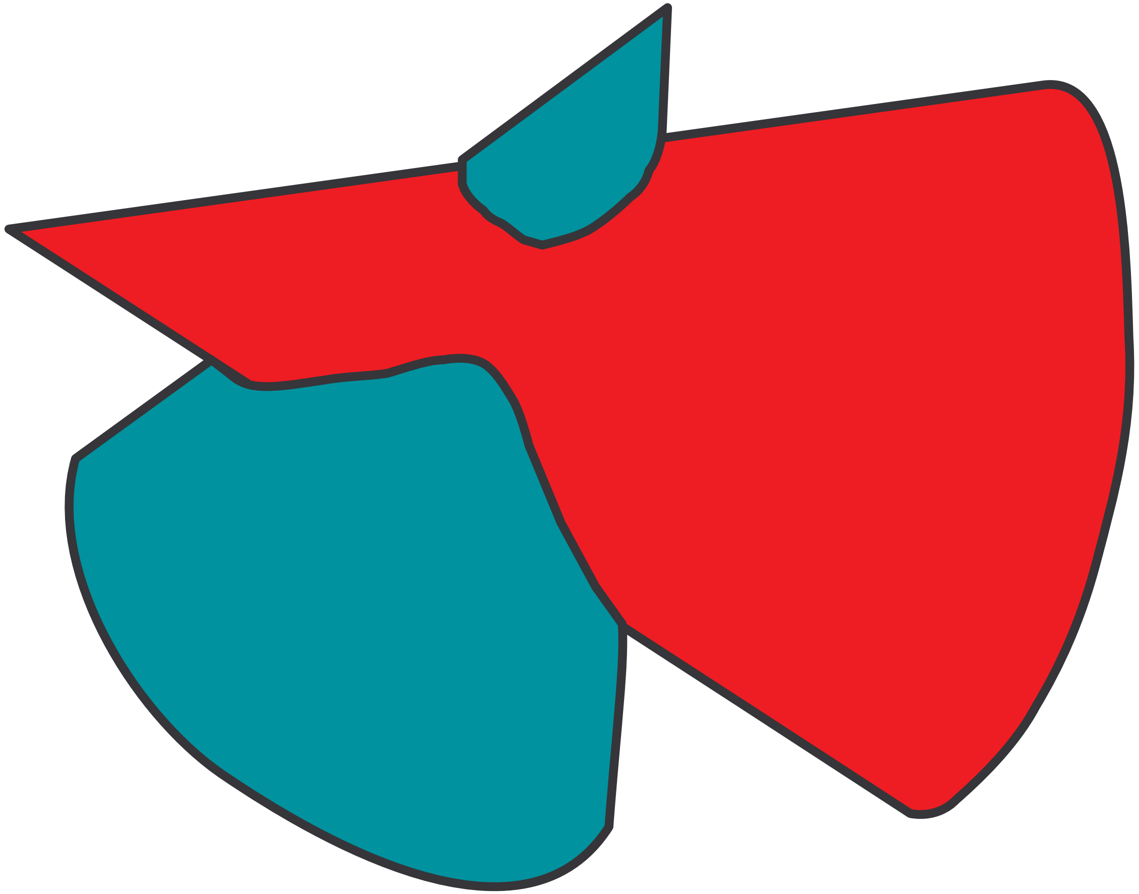


CYLINDER & CYLINDER



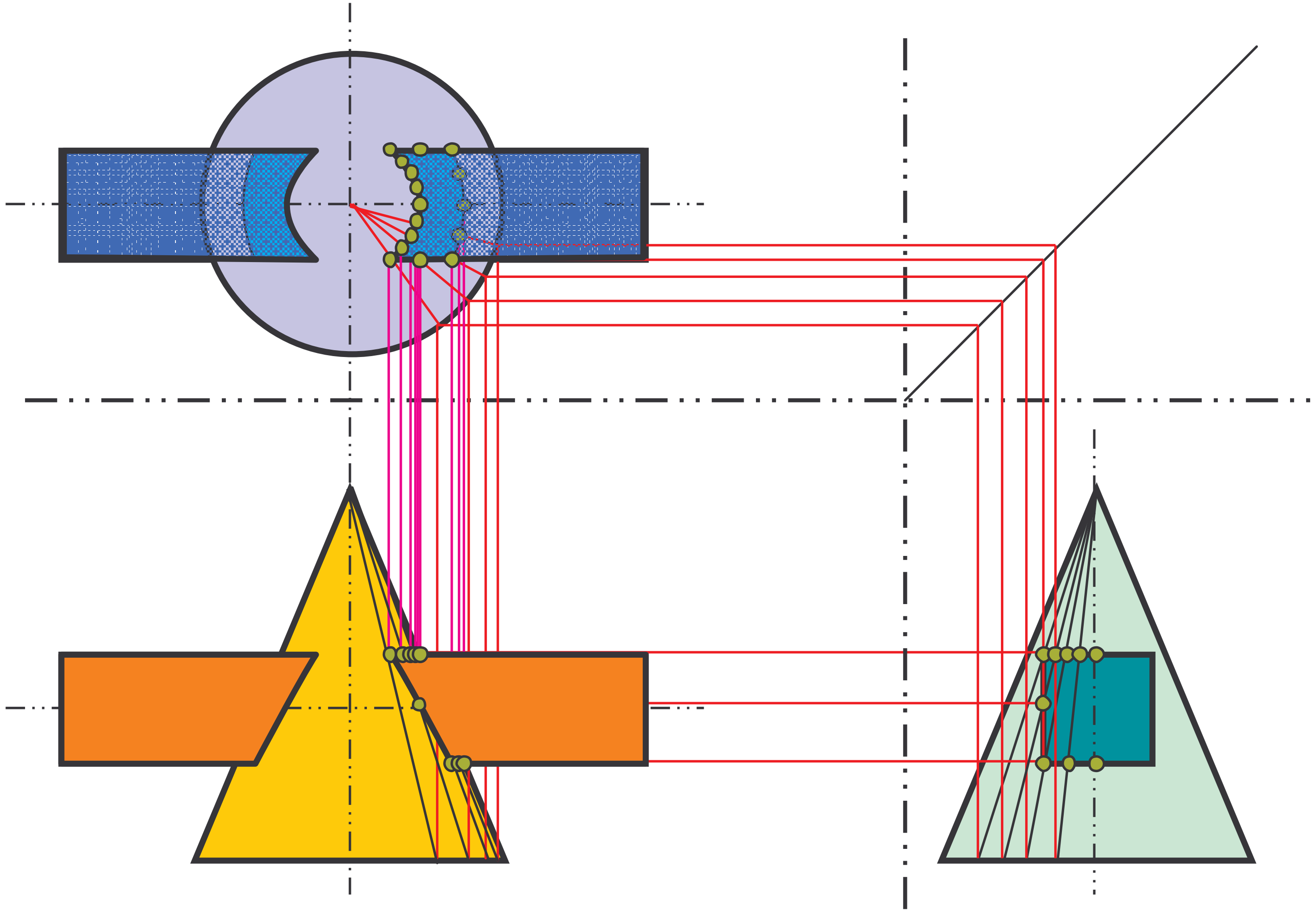


CONE & CONE

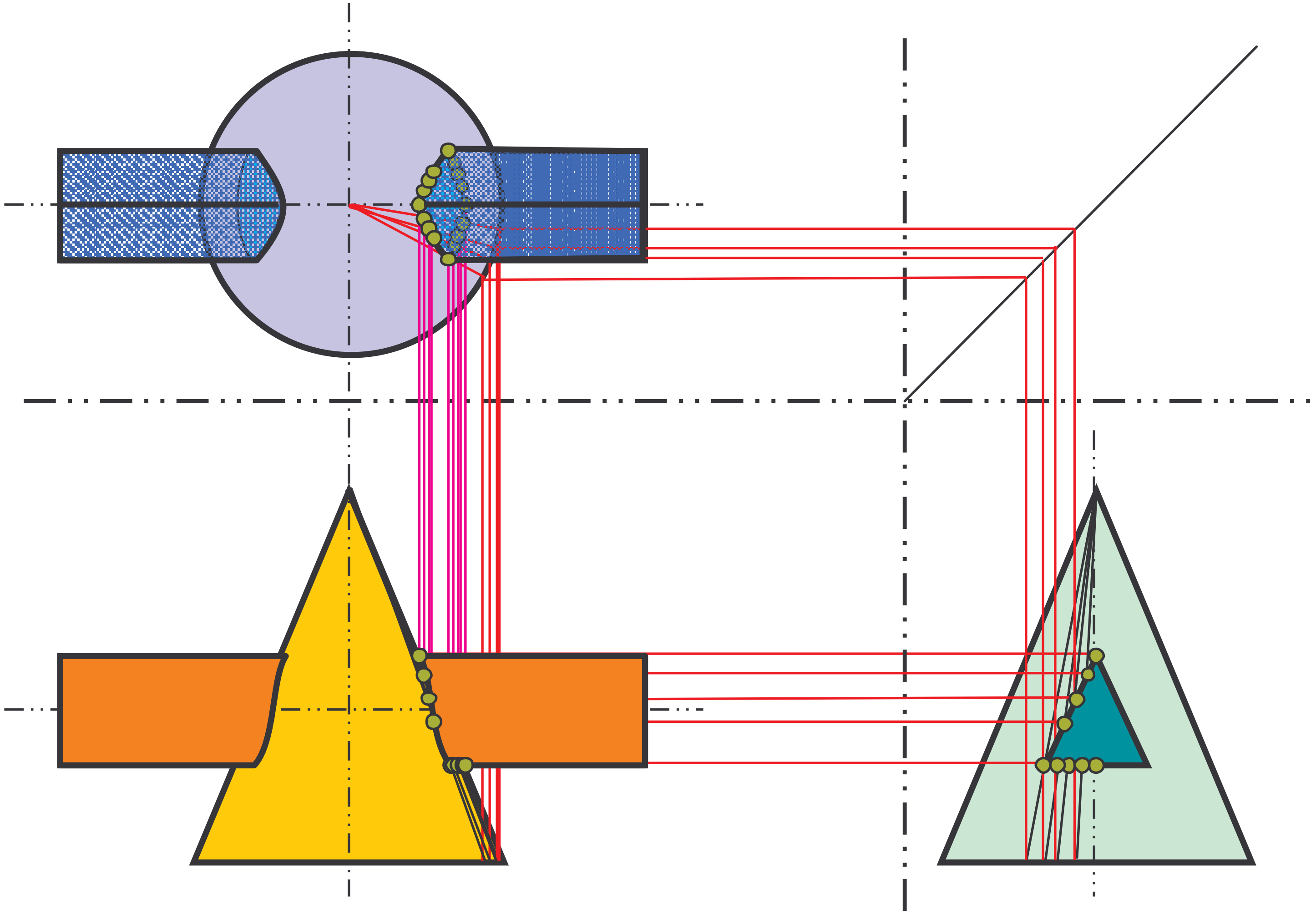


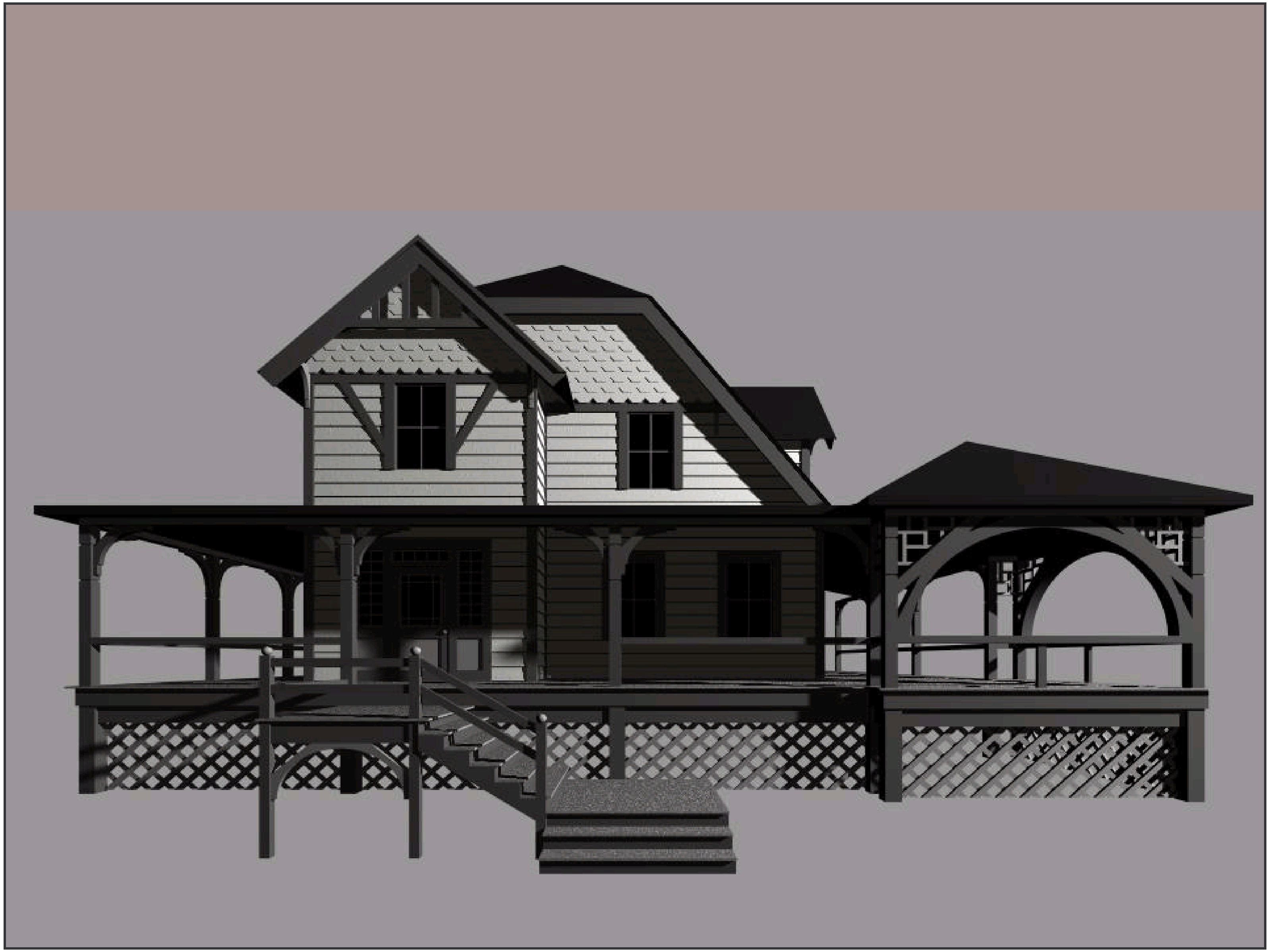
EXAMPLES

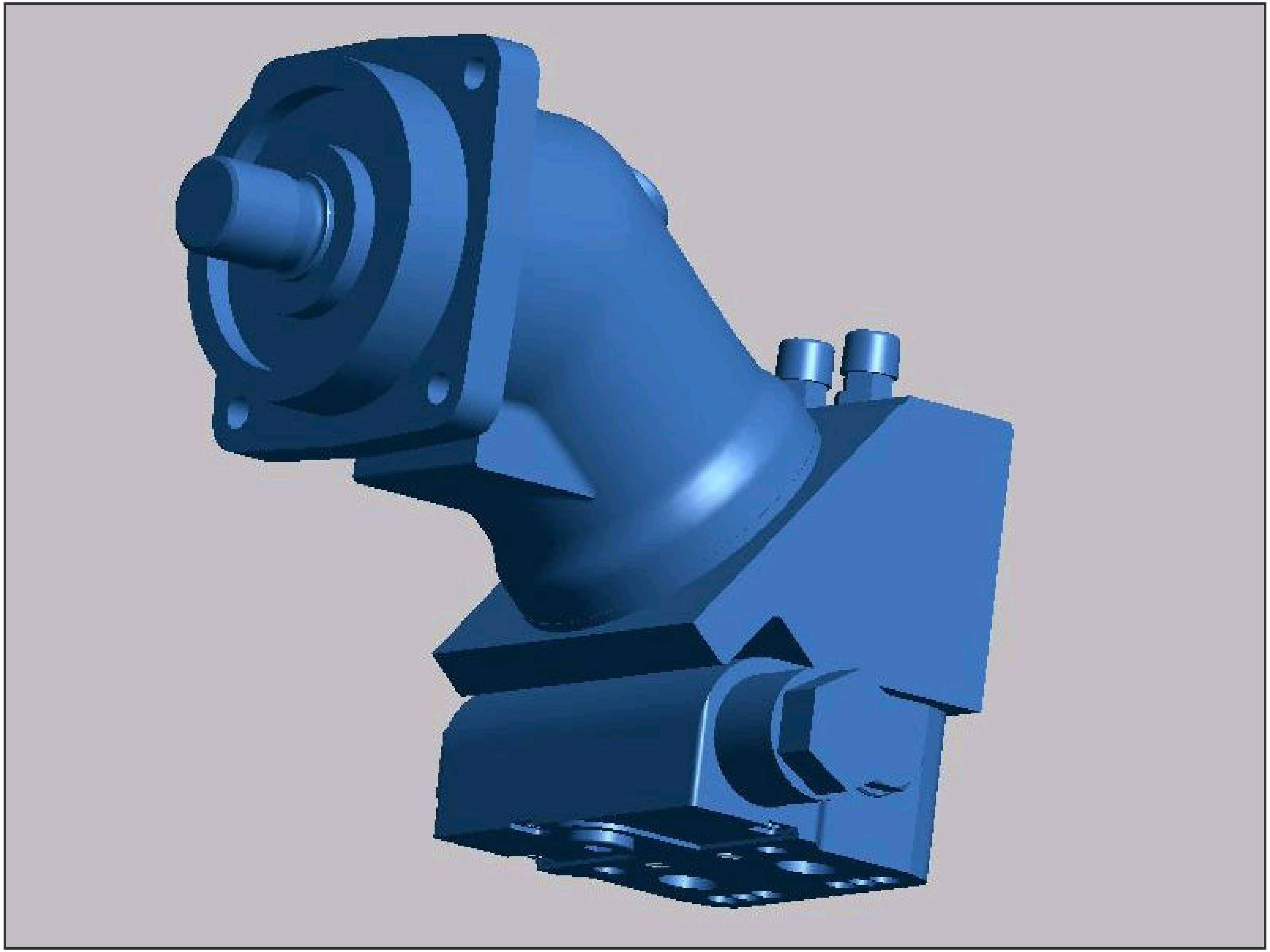
CONE & SQ. PRISM : LINE METHOD



CONE & TRI. PRISM : LINE METHOD







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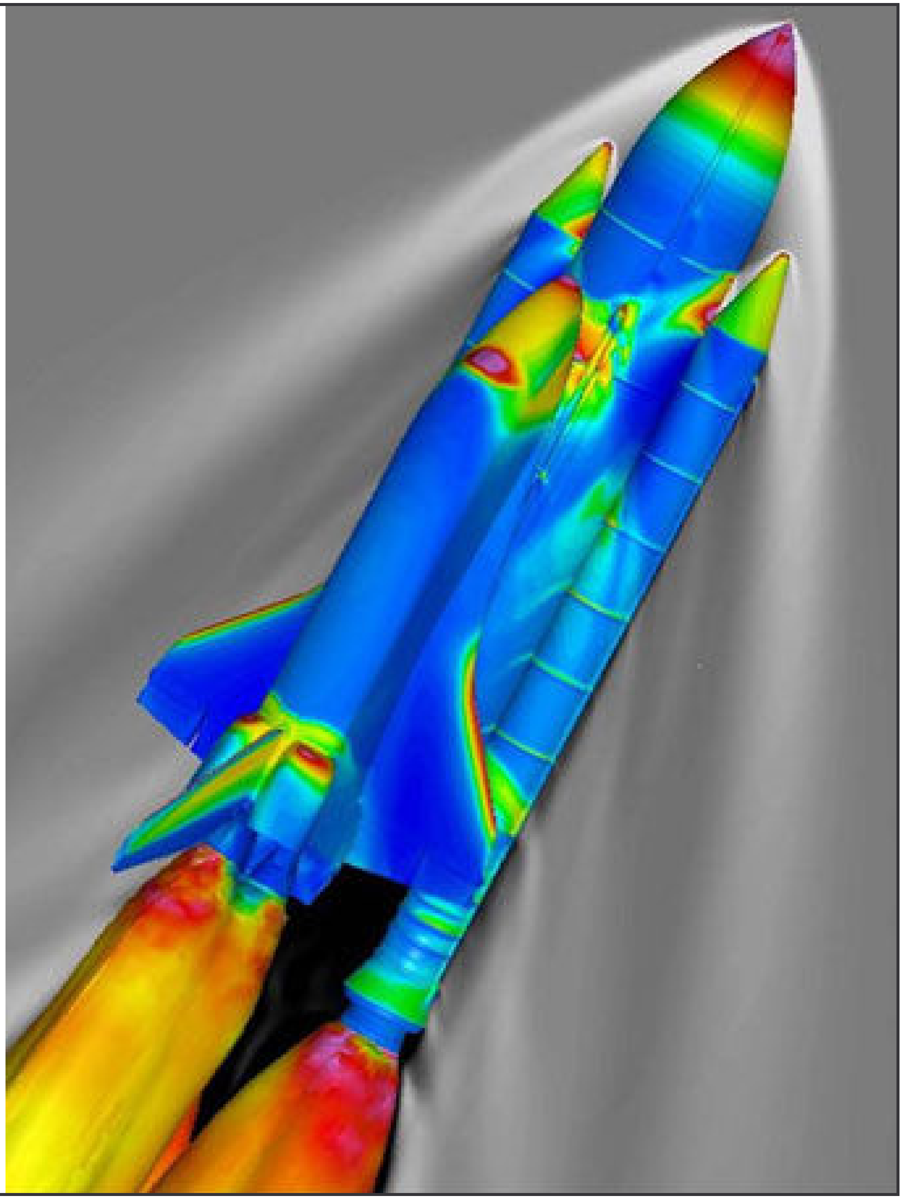
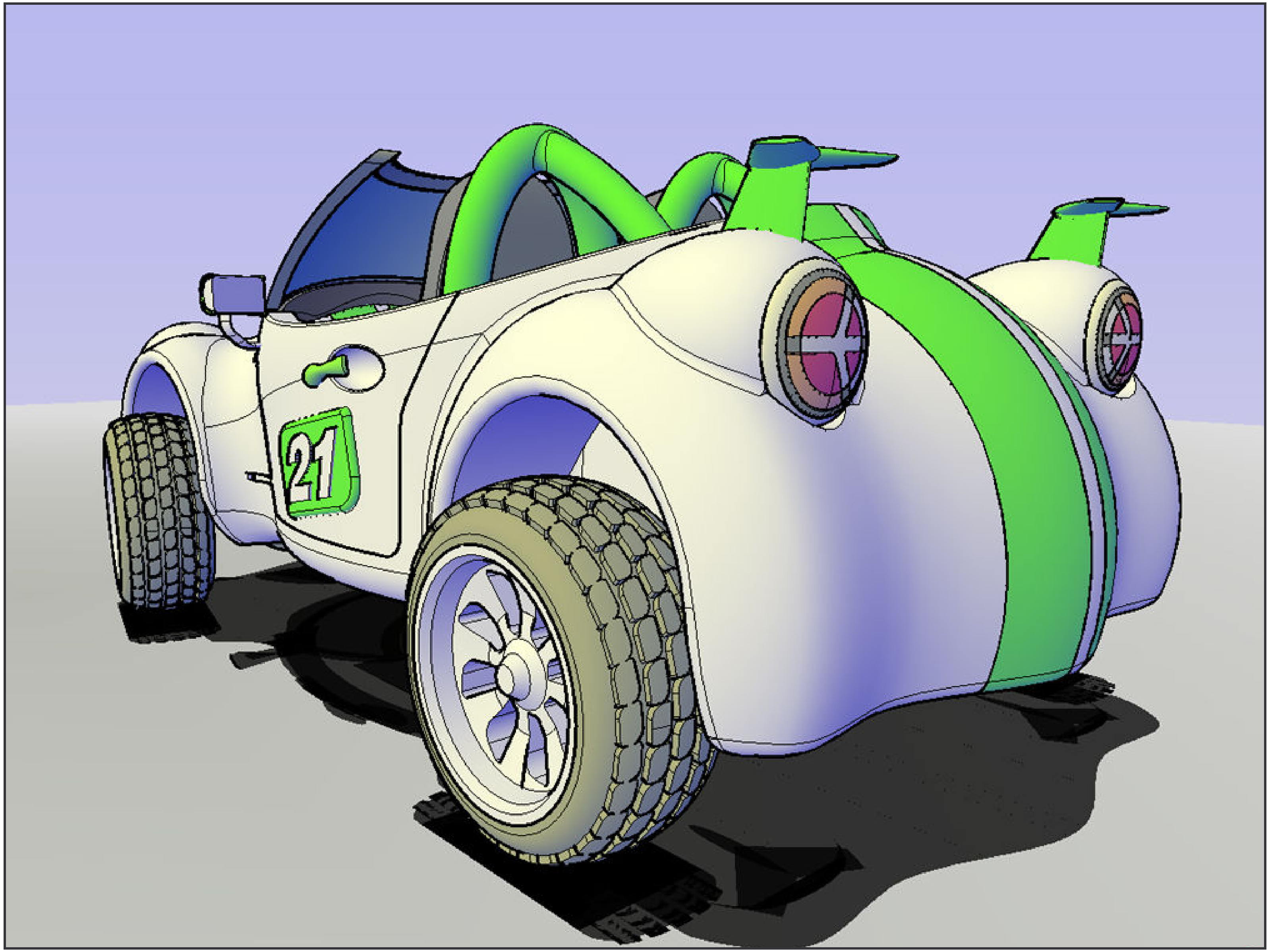
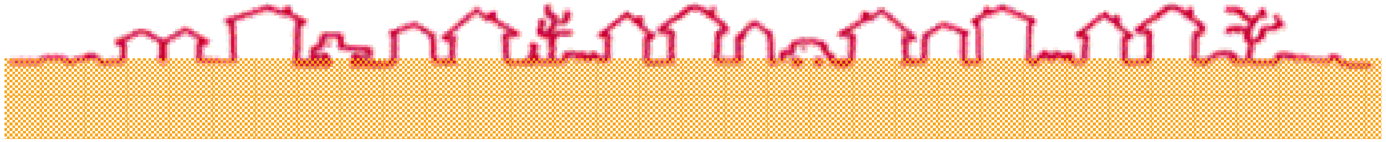




21



Have a Great Day!!