

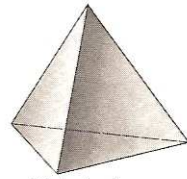
Engineering drawing

Semester I/II

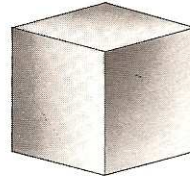
Mechanical Engineering Department
Technical University of Gdańsk

Lecture 3

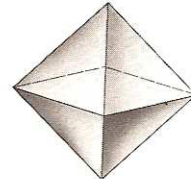
Solids



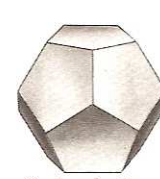
Tetrahedron



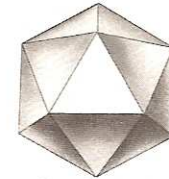
Cube



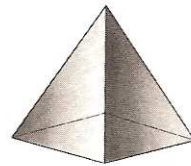
Octahedron



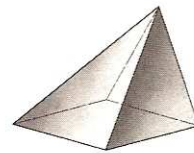
Dodecahedron



Icosahedron



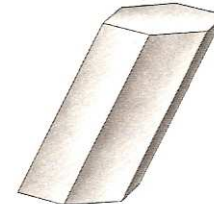
Right Pyramid



Oblique Pyramid



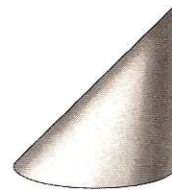
Right Prism



Oblique Prism



Right Cone



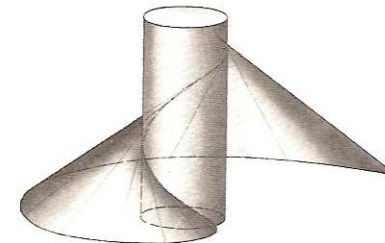
Oblique Cone



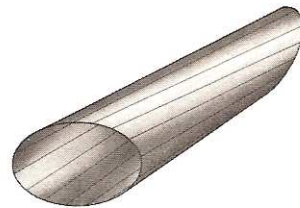
Right Cylinder



Oblique Cylinder



Helical Convolute



Convolute



Sphere



Oblate Spheroid



Prolate Spheroid



Torus

Projections of solids, points identification (cylinder, cone, sphere)

(1) Rzutnia punkty walec.SLDASM

(2) Rzutnia punkty stożek.SLDASM

(3) Rzutnia punkty kula.SLDASM

Projections of solids, points identification (cuboid, prism, pyramid)

(4) Rzutnia punkty prostopadłościan.SLDASM

(5) Rzutnia punkty ostrosłup.SLDASM

Sections of solids

Cylinder: circle, lines (rectangle)

Cone: hyperbola, ellipse, parabola, circle, lines (triangle)

Sphere: circle

(6) Rzutnia walec przekrój.SLDASM

Przekrój stożek.pdf

Conic sections 2.bmp

(7) Rzutnia stożek przekrój.SLDASM

(8) Rzutnia kula przekrój.SLDASM

Sections of solids

Cube, cuboid, prism

(9) Rzutnia prostopadłościان przekrój.SLDASM

(10) Rzutnia graniastosłup przekrój.SLDASM

(11) Rzutnia przekrój ostrosłup.SLDASM

Multisections of solids

Cylinder, cone, sphere

(13) Walec3.SLDPRT

(15) Kula3.SLDPRT

(16) Stożek2.SLDPRT

Multisections of solids

Cube, cuboid, prism

(17) Ostrosłup3.SLDPRT

(18) Ostrosłup4.SLDPRT

(20) Graniastosłup1.SLDPRT