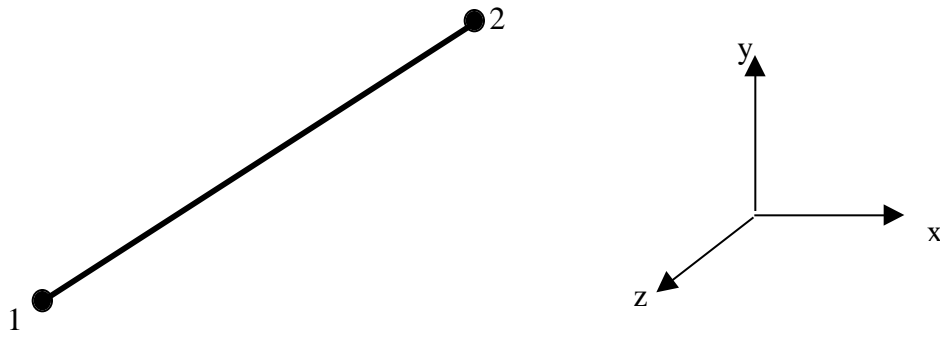
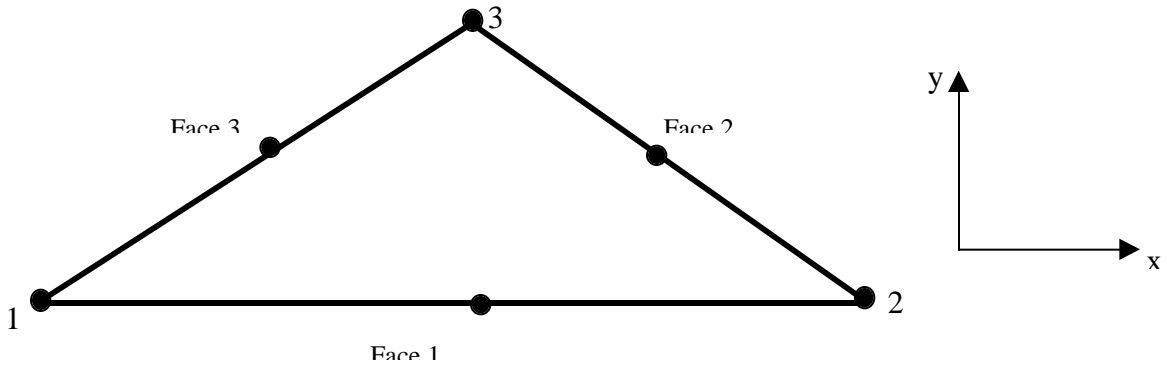


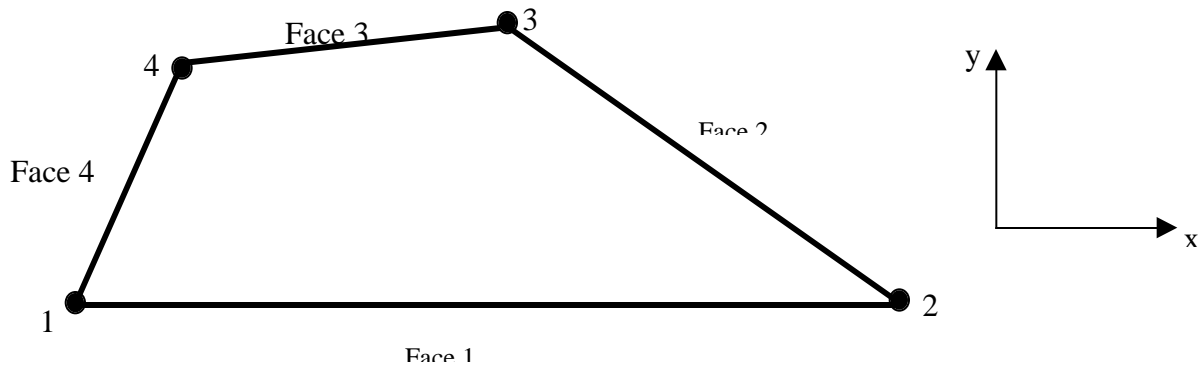
ELEMENT LIBRARY



TRUSS / SPAR ELEMENTS:
LINK1: 2D-truss; **LINK8:** 3D-truss; **LINK10** tension/compression only cable (all 2-node linear elements)

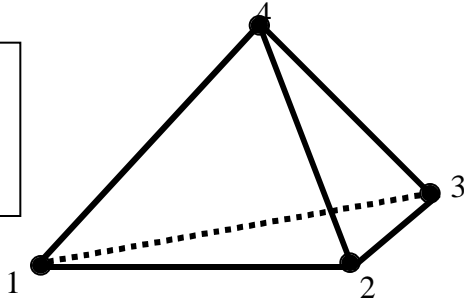


CONTINUUM PLANE STRESS/STRAIN ELEMENT:
PLANE2: 6-NODE TRIANGLE (quadratic element)



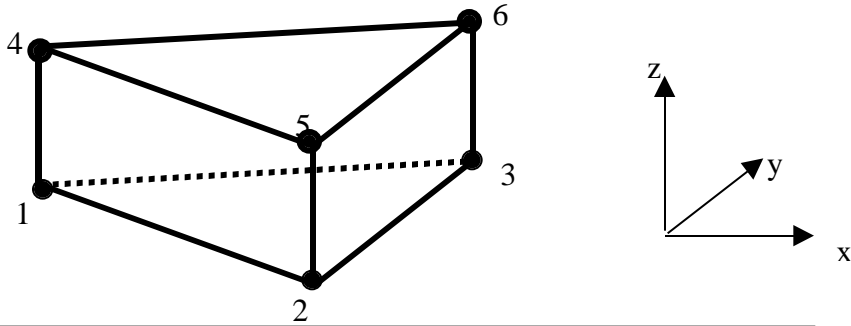
CONTINUUM PLANE STRESS/STRAIN ELEMENT:
PLANE42: 4-node quadrilateral (linear element); **PLANE82:** 8-node quadrilateral (quadratic element)

face 1 (123)
 face 2 (124)
 face 3 (234)
 face 4 (134)



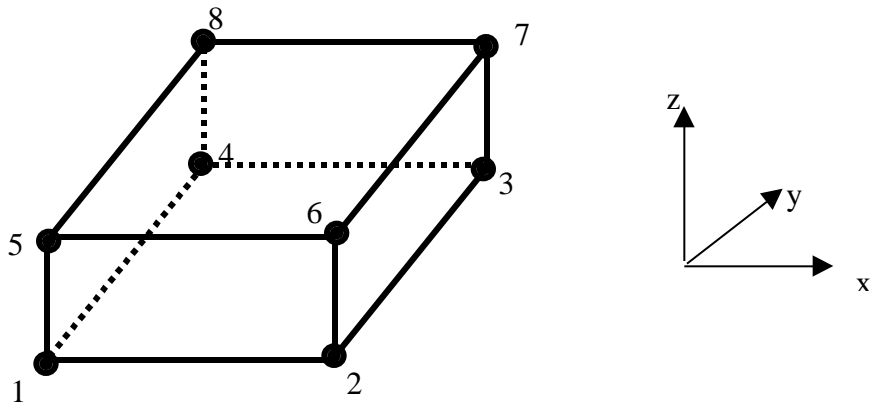
CONTINUUM THREE-D ELEMENT
C3D4: 4-NODE LINEAR TETRAHEDRON

face 1 (123)
 face 2 (456)
 face 3 (1254)
 face 4 (2365)
 face 5 (1364)



CONTINUUM THREE-D ELEMENT
C3D6: 6-NODE LINEAR TRIANGULAR PRISM

face 1 (1234)
 face 2 (5678)
 face 3 (1265)
 face 4 (2376)
 face 5 (4378)
 face 6 (4851)



CONTINUUM THREE-D ELEMENT
C3D8: 8-NODE HEXAHEDRON (BRICK)