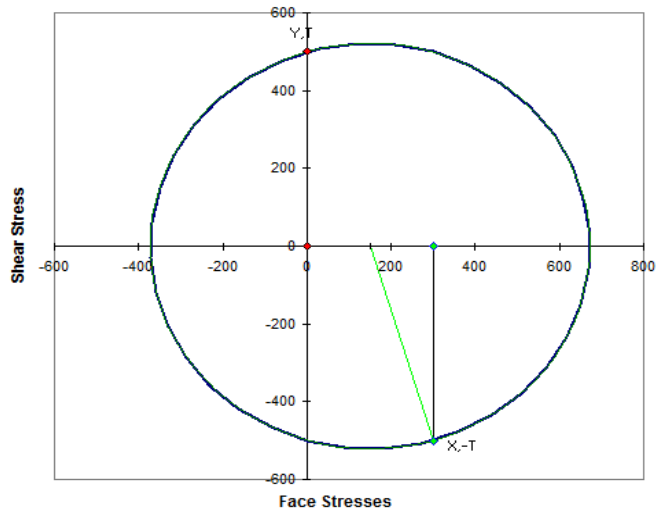
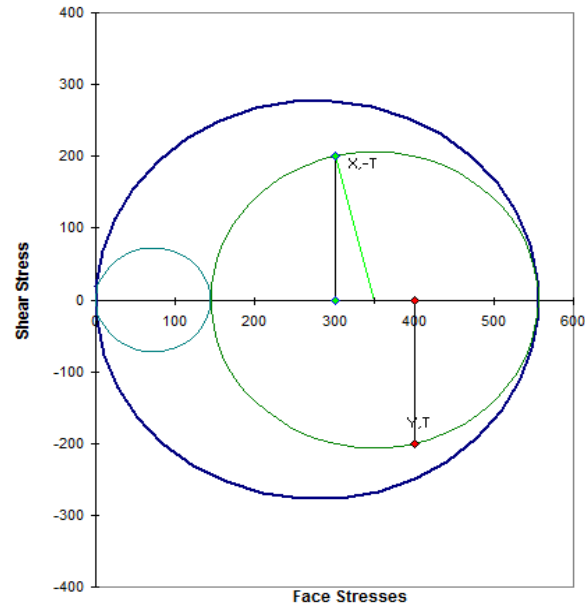


Homework 1.1 For $X_{stress} = 300.0$,
 $Y_{stress} = 0.0$
 $XY_{Shear} = 500.0$
 Center = 150.00
 Angle = -36.65°
 Stress1 = 672.02
 Stress2 = 0.00
 Stress3 = -372.02
 ShearMax = 522.02



Homework 1.2 For $X_{stress} = 300.0$,
 $Y_{stress} = 400.0$
 $XY_{Shear} = -200.0$
 Center = 350.00
 Angle = 52.02°
 Stress1 = 556.16
 Stress2 = 143.84
 Stress3 = 0.00
 ShearMax = 278.08



Homework 1.3 For $X_{stress} = 30.0$,
 $Y_{stress} = 45.0$
 $XY_{Shear} = 18.0$
 Center = 37.50
 Angle = -56.31°
 Stress1 = 57.00
 Stress2 = 18.00
 Stress3 = 0.00
 ShearMax = 28.50

