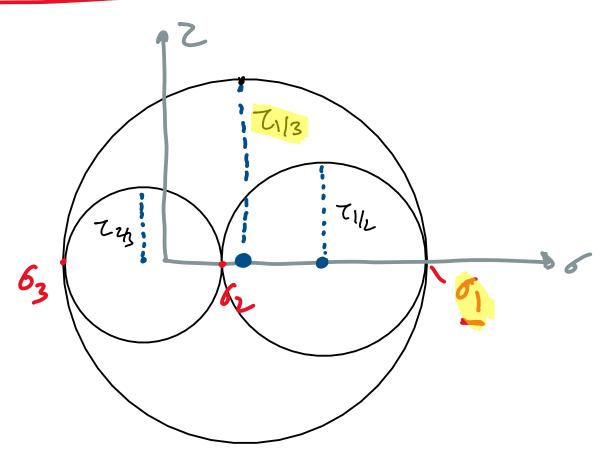


1) 6x, 6y, 7xy = 7yx - 3 stresses in x-y flave 2) 6y, 6z, 7yz = 7zy - 11 " y-z plane 3) 6z, 6x, 7zx = 7xz - 11 in x-z plane Draw 3 Mohr's girdes for 1,0,0

6a, 6b, 6c - Principles stress

Re-arrange in descending order

61> 62 > 63



$$Z_{1/2} = r = \frac{\delta_1 - \delta_2}{2}$$

$$\frac{72/3}{2} = \frac{62 - 63}{2}$$