

Name: Leong Oaviol (First)

CIV102F Quiz # 2: 1300h-1500h Thursday September 19, 2019 Force Equilibrium

The weight W is supported by steel wires with the diameters shown. The breaking stress of the three steel wires is 450 MPa. Weight W is to be increased until one wire fails.

- a) Which is the first wire to fail?
- b) At what value of the weight W will the first wire fail?



