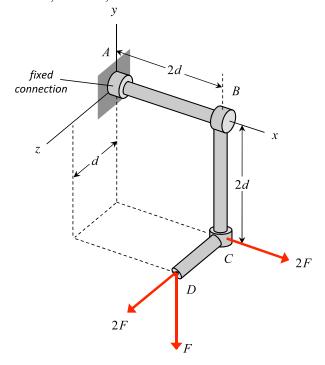
## Homework H10.A

*Given*: The pipe structure shown is attached to ground with a fixed connection at A. A set of three forces acts on the structure. The weight of the structure is negligible compared to the applied forces acting on the structure.

*Find*: Determine the reactions on the structure at A. Write your answers as vectors in terms of, at most, F and d.



## Homework H10.B

*Given*: A homogeneous boom pole having a weight of *W* is supported by a ball-and-socket joint at end O, and by two cables, AD and BE.

**Find**: Determine the reactions on the pole at O and the tension forces acting on the pole by the cables. Write your answers as vectors in terms of W.

