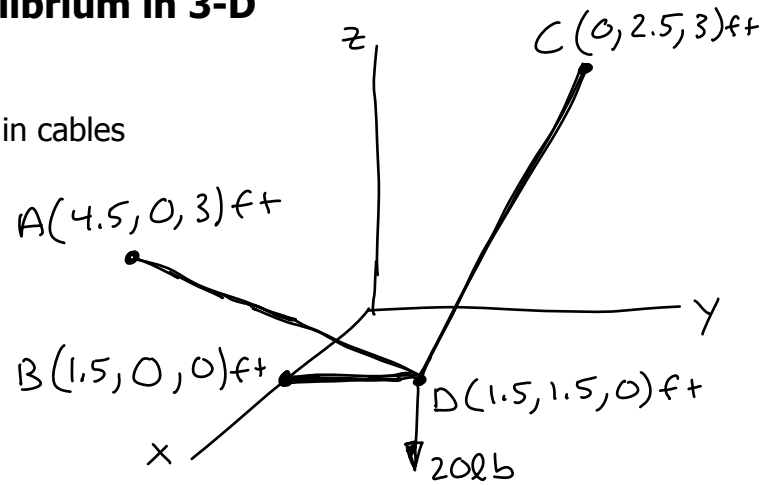


Equilibrium in 3-D

Problem Statement: Determine the force in cables DA, DB, and DC to support the 20 lb weight.



1.) Draw the FBD.

2.) Resolve each force into x, y, and z components.

3.) Enforce equilibrium and solve for the unknowns.