Question 7

The SkyCam shown below is supported by three cables. Assuming it has a mass of 20kg and that it is currently in equilibrium find the tension in each of the three cables supporting the SkyCam.

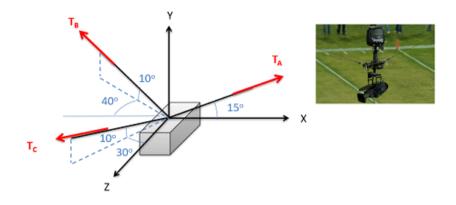
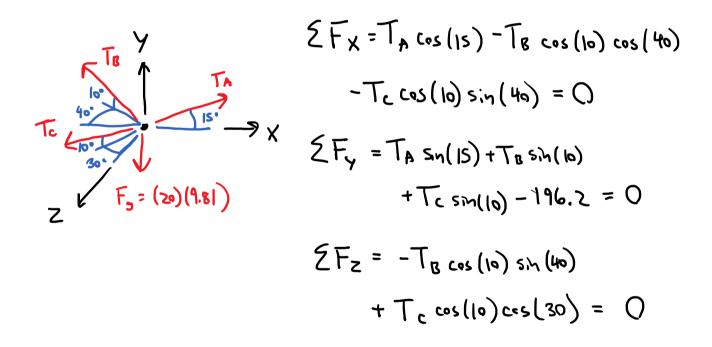


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$$T_{A} = 394.4 \text{ N}$$

 $T_{B} = 311.1 \text{ N}$
 $T_{C} = 230.9 \text{ N}$