**SI Statics**

**Session 4: February 23, 2022  
7–8 pm BU 127  
Leader: Sophia Helmkamp**

Problems:

Determine the moment of the force about point O. (F4-4 from Hibbeler Statics, 13th ed.)

Diagram

Description automatically generated

Determine the total moment about point A. (4-7 from Hibbeler Statics, 13th ed., modified)

Diagram

Description automatically generated

Use the cross product to determine the resultant moment (in Cartesian form) produced by forces **FB**and **FC**about point O. (4-34 from Hibbeler Statics, 13th ed., modified)

Diagram

Description automatically generated