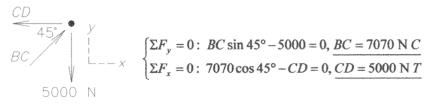
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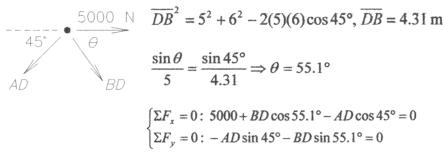
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We can begin at joint C without finding the external reactions.

Joint C:



Joint D:



Solve simultaneously to obtain: $\frac{BD = -3590 \text{ N or } 3590 \text{ N C}}{AD = 4170 \text{ N } T}$

Joint B:

