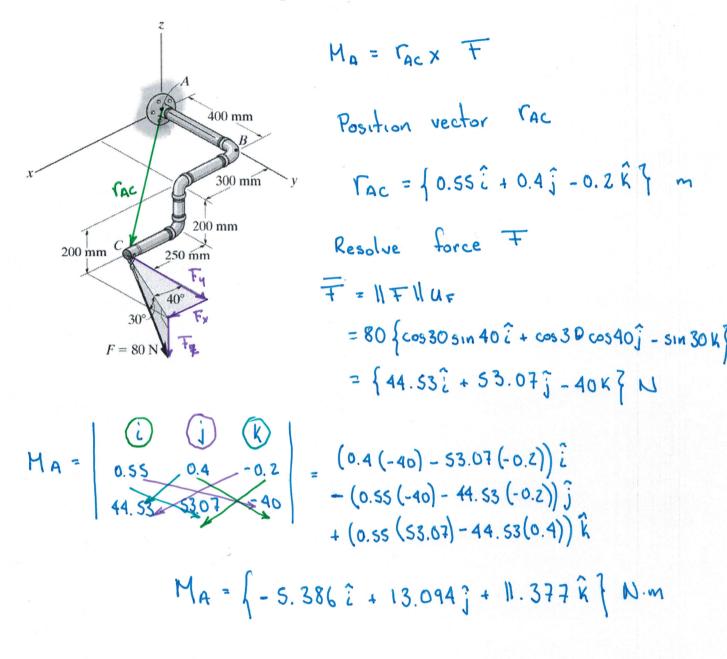
The pipe assembly is subjected to a force  $\mathbf{F}$  of magnitude 80N. Determine the moment of this force about point A.



The rectangular plate is supported by the brackets at A and B and by a wire CD. Knowing that the tension in the wire is 200 N, determine the moment about A of the force exerted by the wire at C.