## Homework Problem H8.C. 11

Given: A machine is made up of links AD, DC and BC. A pair of forces is applied at E on link AB , and a couple $M$ acts on member BC , as shown in the figure.

Find: For the position shown below with DC being horizontal and BC being vertical, determine the value of $M$ required for equilibrium. Write your answer as a vector. Express your answer in terms of $P$ and $d$.


