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*.

