

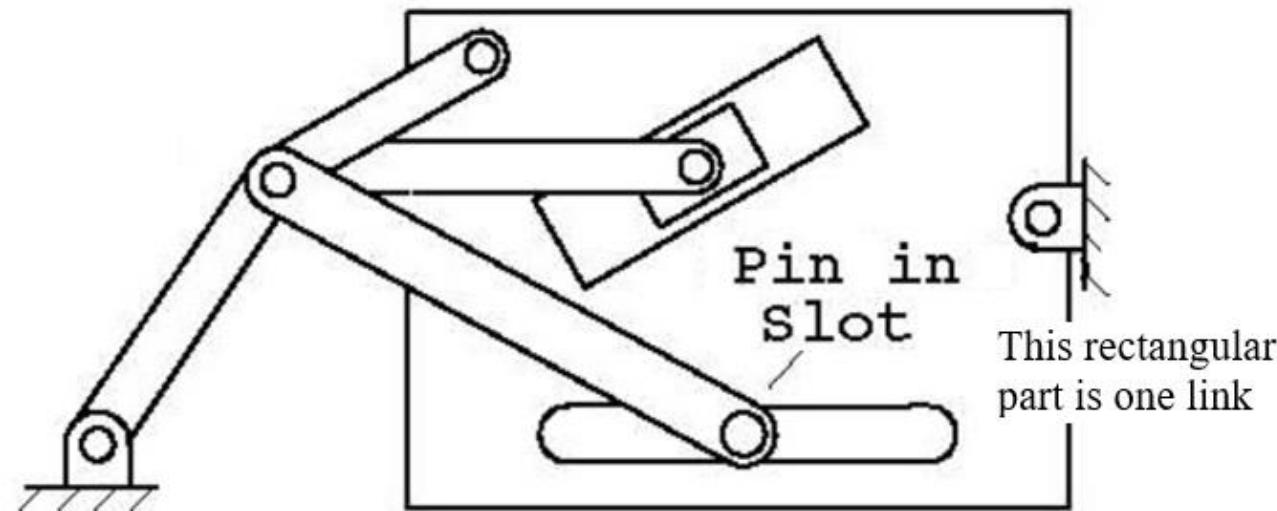
MoM- Quiz No.1- sec3 10 min

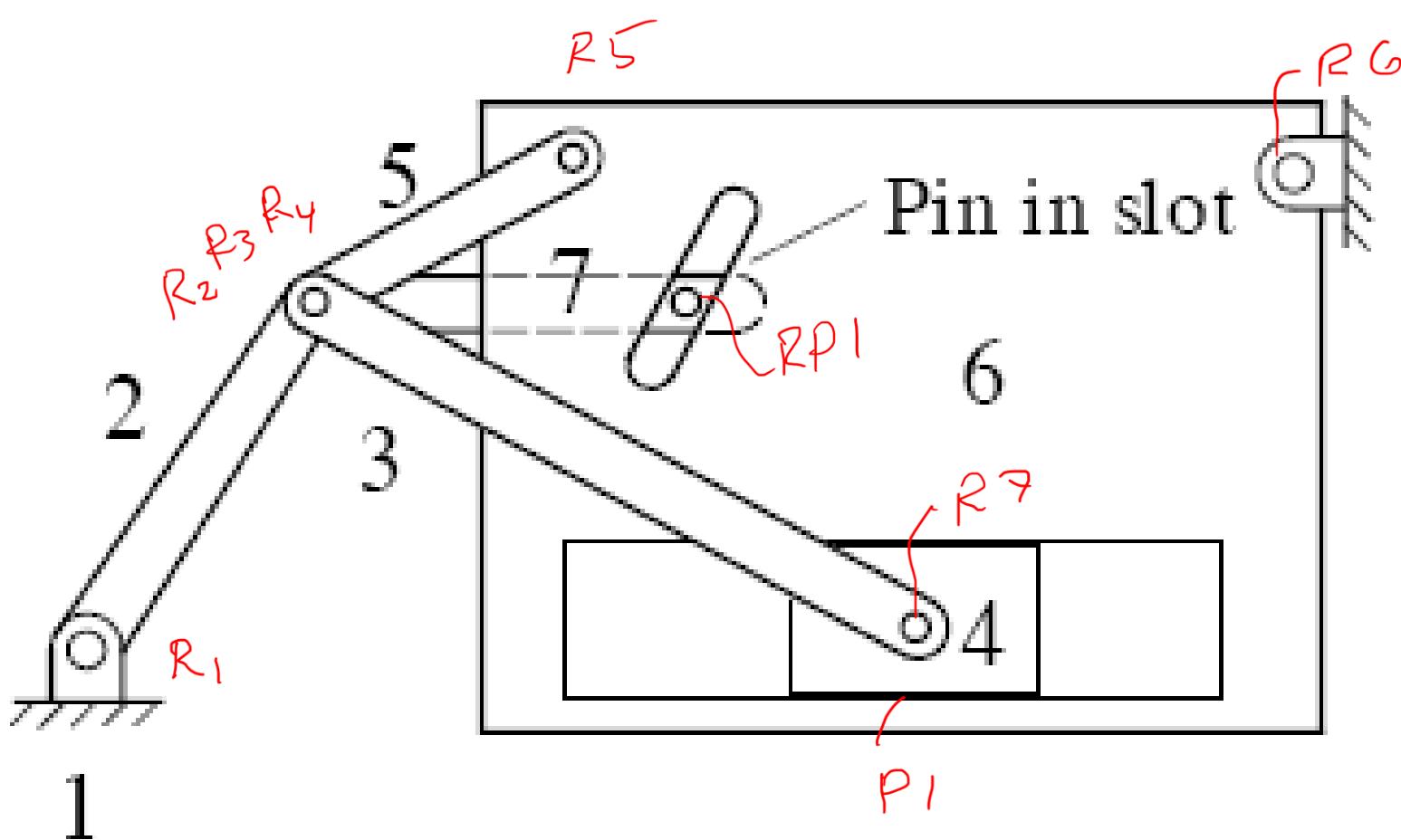
Name:

Serial:

Find the mobility (DOF) for the mechanism shown. Show numbers of links and all types of joints. (m=1)

$$M = 3(L-1) - 2J_1 - J_2$$





$$L = 7$$

$$M = 3(7-1) - 2(8) - 1$$

$$= 18 - 16 - 1$$

$$= 1$$