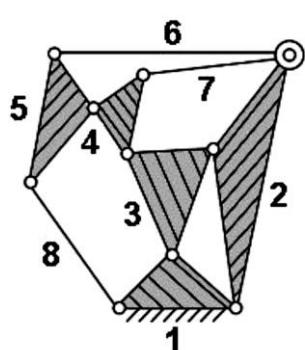


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**Department of Mechanical Engineering**

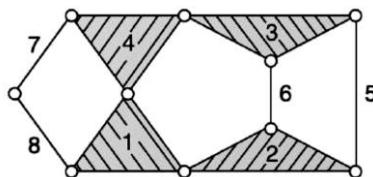
UMT 304: Theory of Machines

Tutorial Sheet No 2

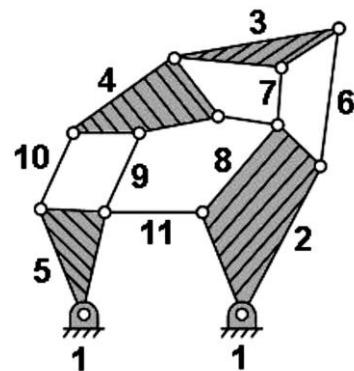
- Evaluate the number of degrees of freedom for the kinematic linkages as shown in the figures below:



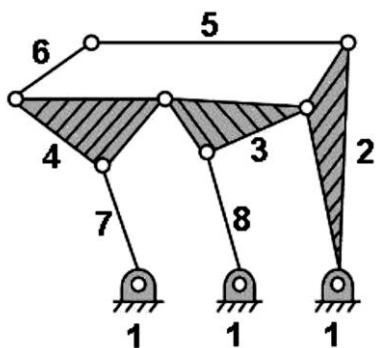
(a)



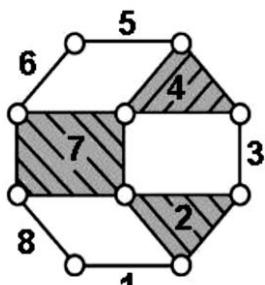
(b)



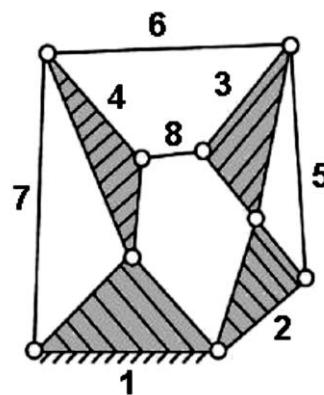
(c)



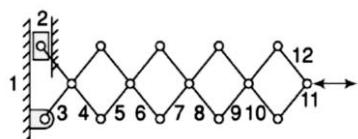
(d)



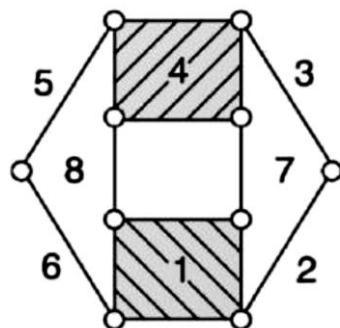
(e)



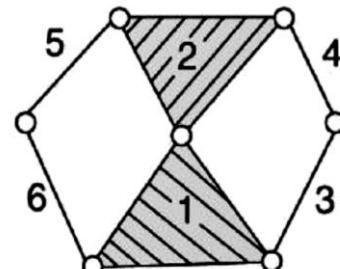
(f)



(g)



(h)



(i)