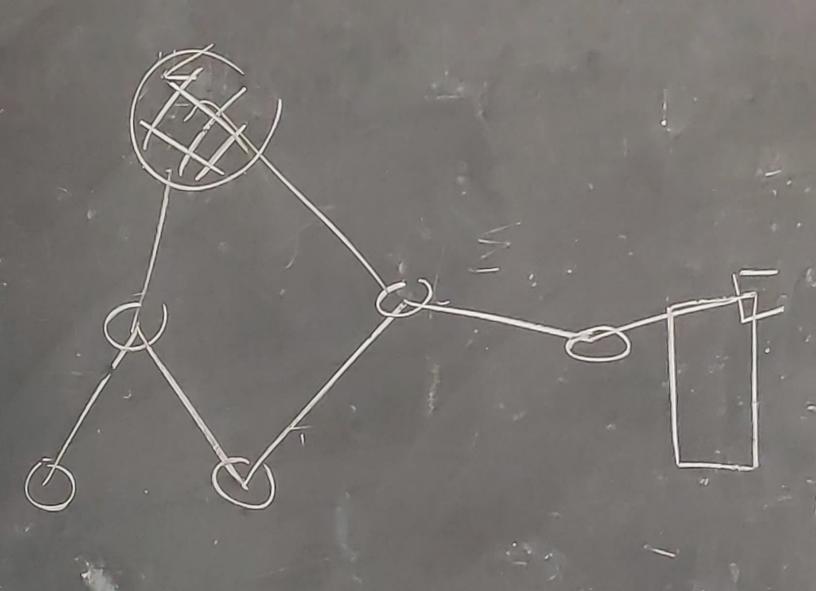
9°5 2 × (7.55) 9°° (I-J+J) 90 ) oc = J(9) á N(J)123 (91) = Jugn + Jugz  $\alpha = \sum_{n} x_n$ 

min 1 g Wg sc x-Jig=0  $L = \frac{1}{2} \dot{q} \dot{q} + \lambda \dot{T} (\dot{x} - J\dot{q})$ 7 = 0 Mg - 27/20 >> ~ J9=0

1 [q1: q2] (a b) [q2]
2. [q1: q2] (b) c) [q2] (ag2+692) (bg2+692) = 1/2 (ag) cds + 5 d ds

J=U. EVT J=VZTUT J = V = V = I V= V Z T S T S S Z T + M I ] UT 



W Jn = 12/3/12