

That row H = [10-100000](2) 7 bags, N=5, h=10-2=8 unknown displacements

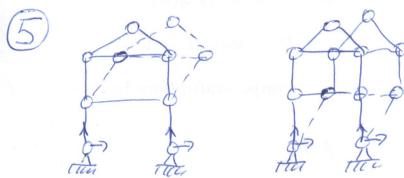
(1) Au=0, 8-7=1 independent solution

(2) mechanism, L rigit motion

(3) V_0 , rigit motion can the stoped by V_0 bat

(3) V_0 and V_0 V_0

(3) nodes = 4 = N, $N \cdot 2 = 8$ displacements $Au = 0 \rightarrow 8 - 4 = 4$ solutions, $u_n = (u_1^h, u_1^v, u_8^u, u_8^u)$ two insoluted movement $\Rightarrow u_1 = (1,0,1,0,1,0,1,0,1,0)$ reterical movement $\Rightarrow u_2 = (0,1,0,1,0,1,0,1,0)$ reterical movement $\Rightarrow u_2 = (0,1,0,1,0,1,0,1)$ mechan; $sm \Rightarrow u_4 = (1,0,1,0,0,0,0,0,0)$ $A^Tw = f$ has a solution, $u^T f = 0$ (prevent movements) $f_1 = (1,0,-1,0,0,0,0,0,0,0)$; $f_2 = (0,1,0,0,0,1,0,0)$ $f_3 = (0,0,0,0,0,1,0,1,0,0)$; $f_4 = (1,0,+1,0,0,0,0,0,0)$



ATA -> pos. semi tetimite A has intege cos. Profes = 7 = N 2.N = 14 dispracements 2 fixed ho des = 4 fixed dispracements 14-4=10 10-8=2 in learness

19-9=(10) 10-8=2 judgentent solutions