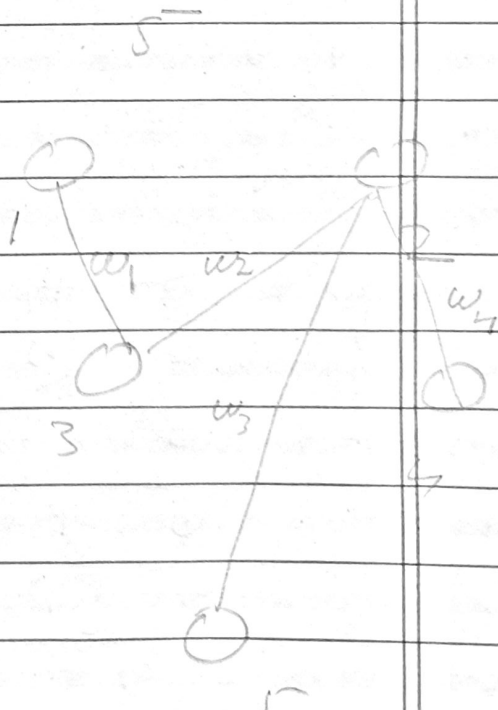


$$x_3, y_3 = 1, 0 + 1$$

- Each snow will be a node of graph
- Nodes will be connected if either stiffness or Tension is same.
- weight will be distance between the end points of the configuration.

	1	2	3	4	5
1			$w_1$		
2			$w_2$	$w_4$	$w_3$
3	$w_1$	$w_2$	$\infty$	$\infty$	$\infty$
4	$\infty$	$w_4$	$\infty$	$\infty$	$\infty$
5	$\infty$	$w_3$	$\infty$	$\infty$	$\infty$



$$182k \times 182k$$