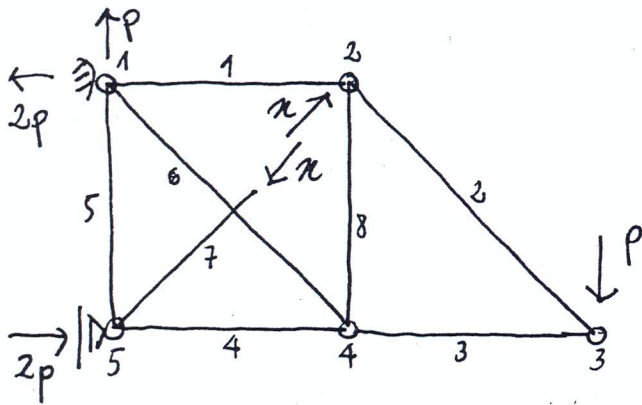
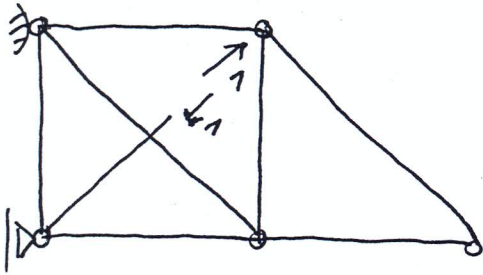


A2.



SD



SISTEMA AUTOEQUILIBRATO

ASTA	l	N^F	N^e	P
1	l	$\sqrt{2}/2$	$\sqrt{2}/2 x + p$	
2	$l\sqrt{2}$	0	0	$+p\sqrt{2}$
3	l	0	0	$-p$
4	l	$\sqrt{2}/2$	$\sqrt{2}/2 x - 2p$	
5	l	$\sqrt{2}/2$	$\sqrt{2}/2 x$	0
6	$l\sqrt{2}$	-1	-x	$p\sqrt{2}$
7	$l\sqrt{2}$	-1	-x	0
8	l	$\sqrt{2}/2$	$\sqrt{2}/2 x$	$-p$

$$L_{V2} = 1 \cdot \Delta y_2 = 0$$

$$L_{V1} = \frac{1}{EA} \left[\frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} x + p \right) l + \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} x - 2p \right) l + \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} x \right) l - 1 \left(-x + p\sqrt{2} \right) l\sqrt{2} + \right. \\ \left. - 1 \left(-x \right) l\sqrt{2} + \frac{\sqrt{2}}{2} \left(\frac{\sqrt{2}}{2} x - p \right) l \right] = 0$$

$$\frac{x}{2} + \frac{p\sqrt{2}}{2} + \frac{x}{2} - p\sqrt{2} + \frac{x}{2} + x\sqrt{2} - 2p + x\sqrt{2} + \frac{x}{2} - \frac{p\sqrt{2}}{2} = 0$$

$$2x + 2x\sqrt{2} = p\sqrt{2} + 2p$$

$$2x = p \frac{(2 + \sqrt{2})}{1 + \sqrt{2}}$$