

$$q_{sn} = 0,93 \text{ kN/m}^2$$

 ψ_0

0,5

$$p_n = -0,68 \text{ kN/m}^2 \text{ (con } c_p = 0,6)$$

0,6

$$q_{m,n} = 0,5 \text{ kN/m}^2$$

0

SCALA

$$c_p = 1,2$$

$$p_n = \pm 1,36 \text{ kN/m}^2$$

RIEPILOGO CARICHI UNITARI

	q_k	q_d	
neve	0.93	1.40	KN/m^2
vento	1.36	2.04	KN/m^2
manutenzione	0.50	0.75	KN/m^2
p. proprio	0.10	0.13	KN/m^2

carico Totale su pannello

principale vento

$$1,36 + 0,93 \times 0,5 + 0,5 \times 0 = 1,83 \text{ KN/m}^2$$

neve

manif.

$\times 1,5$

$\downarrow = 2,75$

p.p.

$0,1 \text{ KN/m}^2$

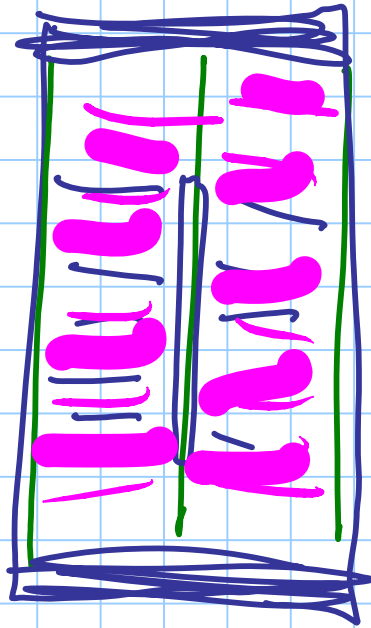
$\times 1,3$

\rightarrow calcol

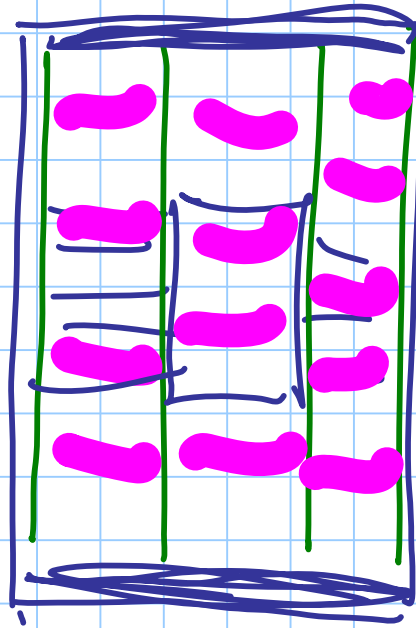
$2,88 \text{ KN/m}^2$

TOT

$1,93 \text{ KN/m}^2$

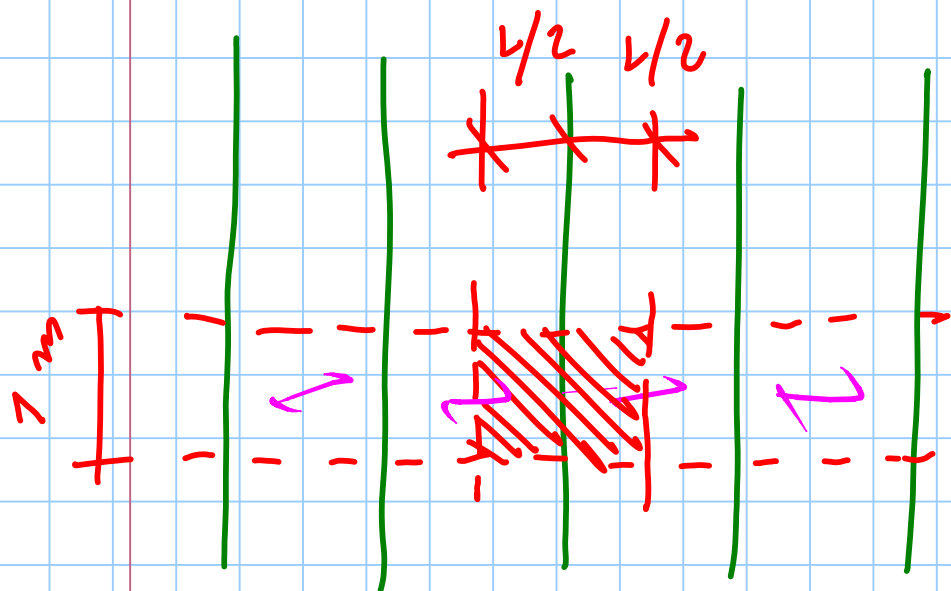


3 Travi
secondari



3 o meglio 4
Travi secondari

TRAVERSE SECONDARIA

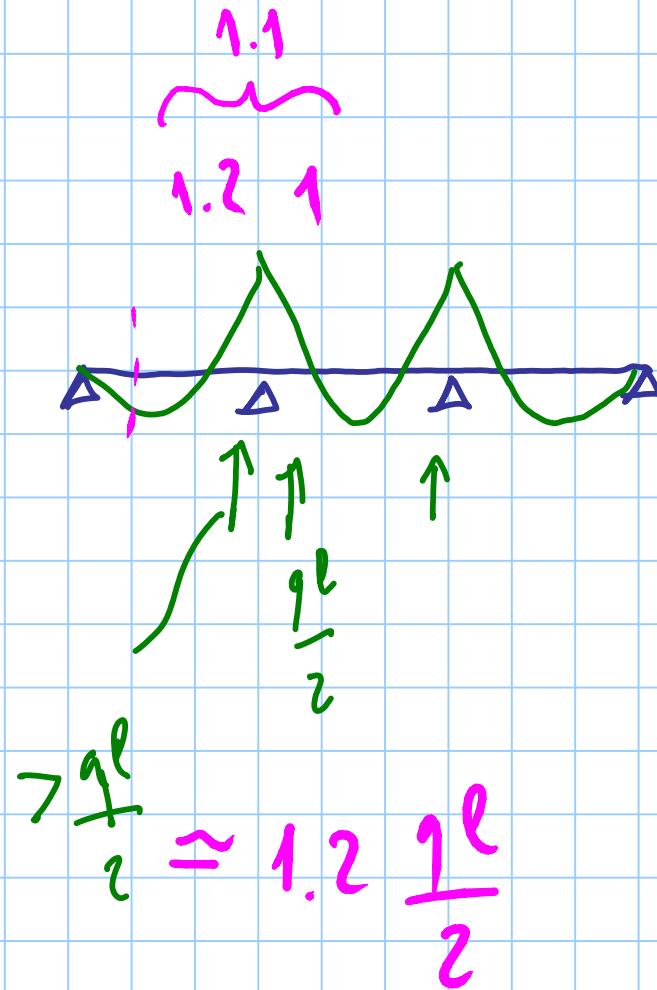
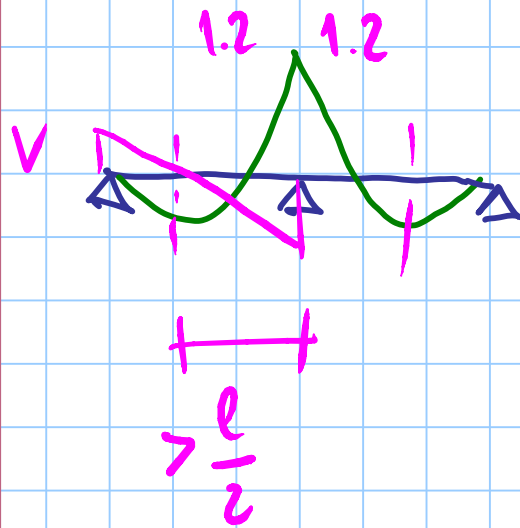


$$L = 1,80 \text{ m}$$

ANALISI DEI CARICHI SU TRAVE SECONDARIA

		K	d
carichi variabili			
vento (P) + neve + neve art.	$\times 1.80$ $(\times 1.2?)$	$1.83 \times 1.80 =$ $= 3.29$	2.75×1.80 opp. 3.29×1.5 $= 4.95$
p.p. lamiera	$\times 1.80$	$0.10 \times 1.80 =$ $= 0.18$	0.23
p.p. Trave (STIMA)		0.30 <hr/>	0.39 <hr/>
TOTALE		3.77	5.57 kN/m

pu la scala



$$V \approx \frac{gl}{2} + \frac{M_1 - M_2}{2}$$