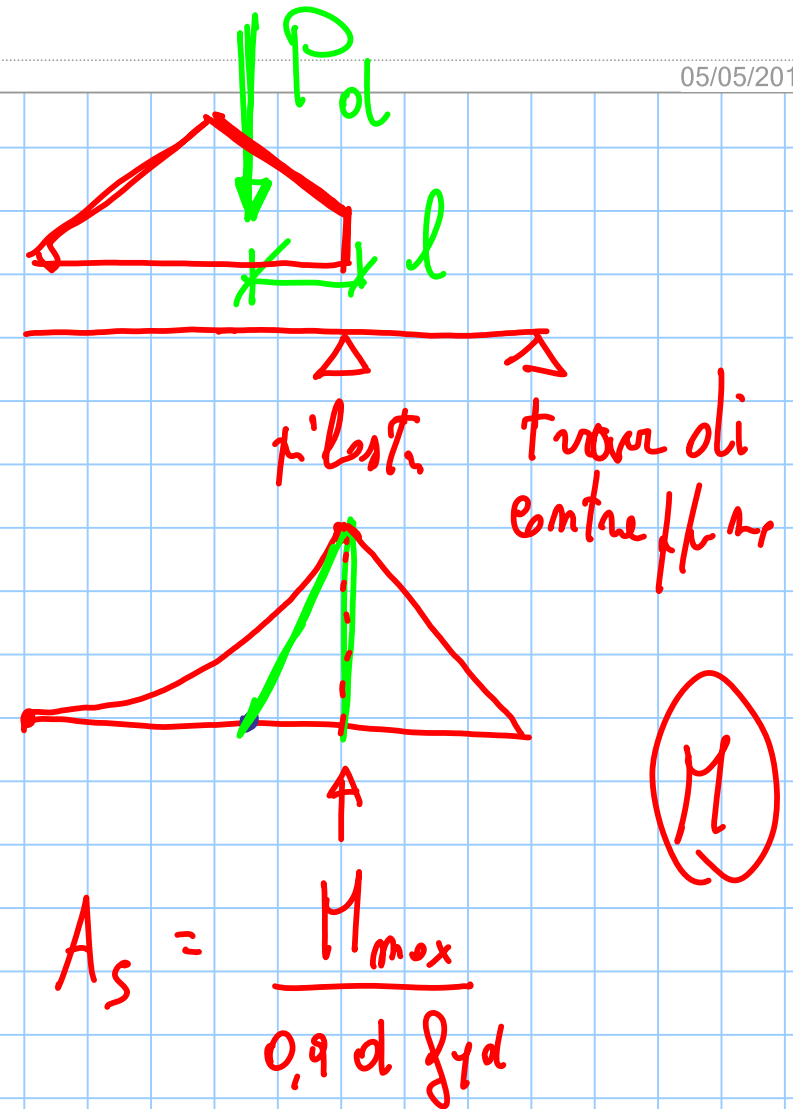
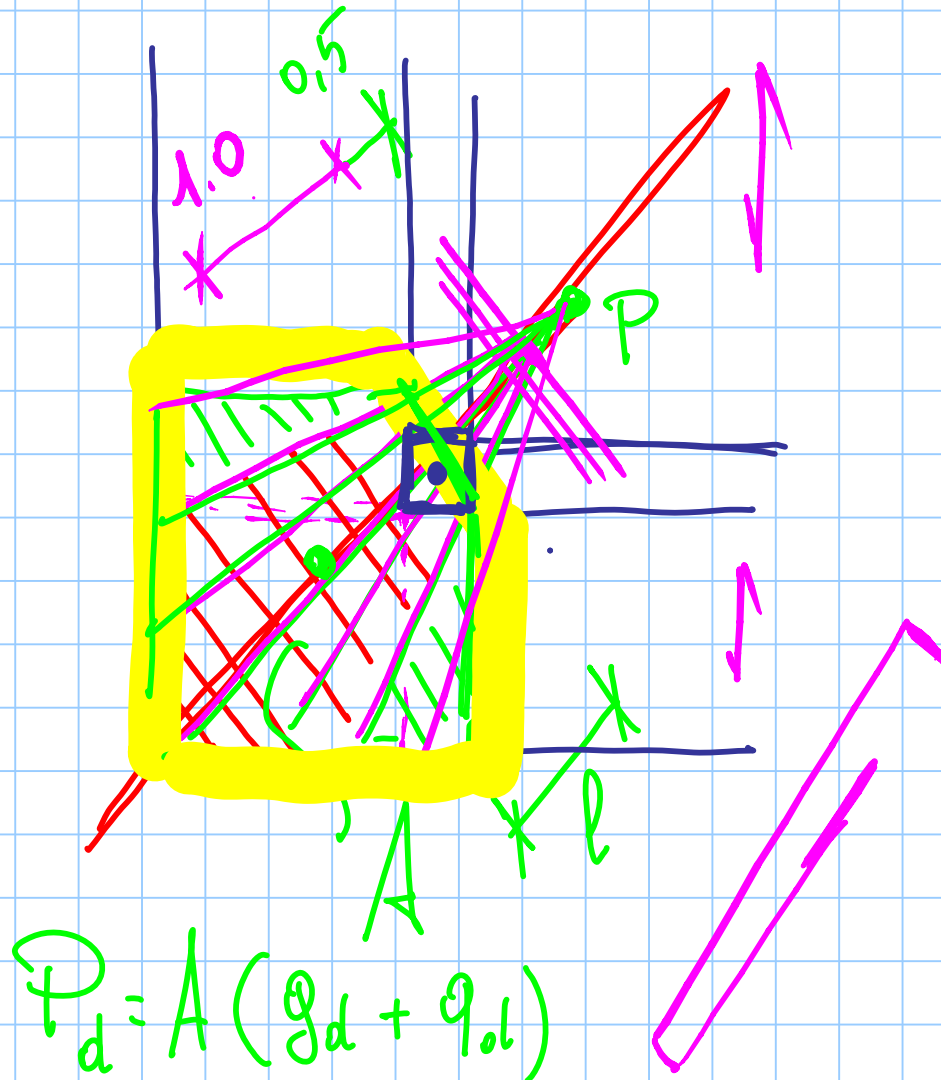
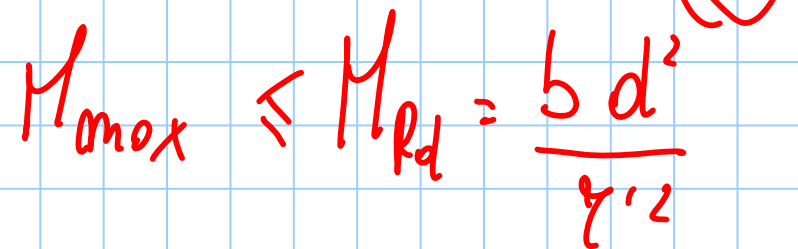
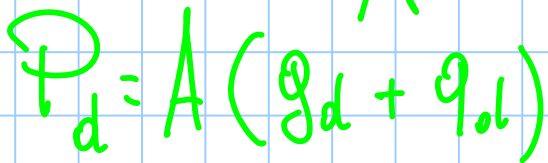


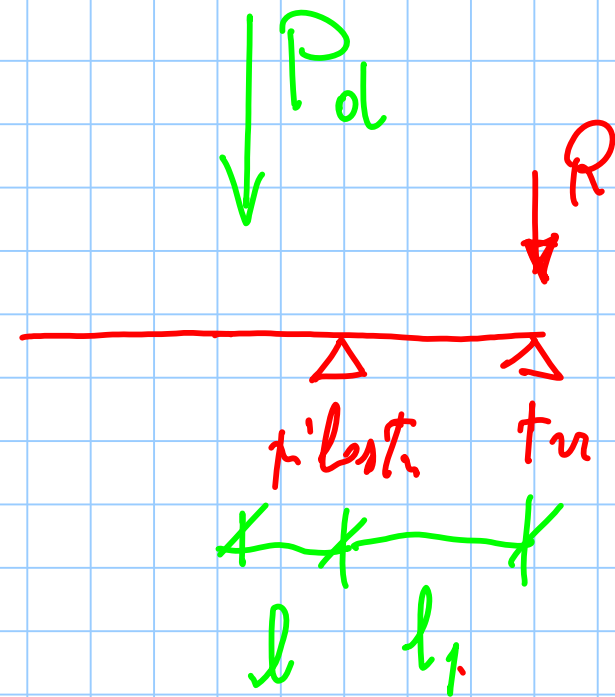
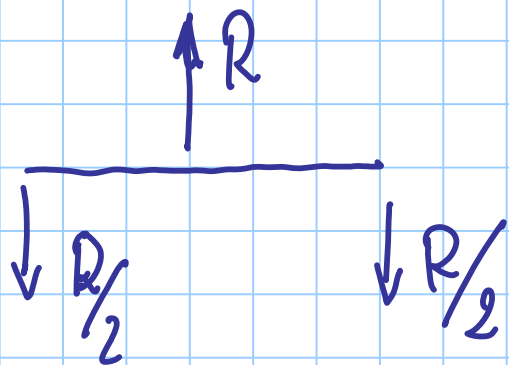
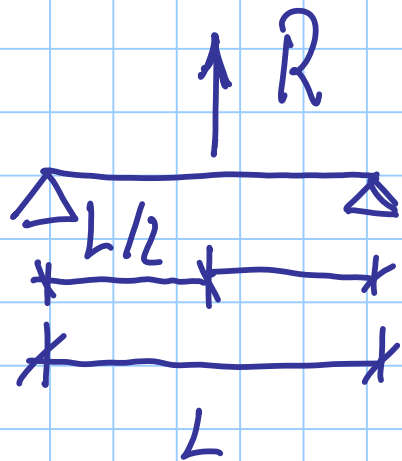
# SBALZO D'ANGOLO

Titolo nota

05/05/2014

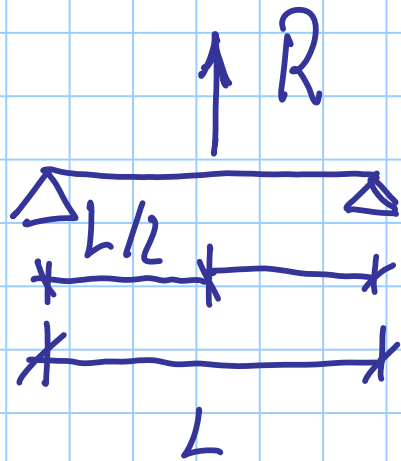




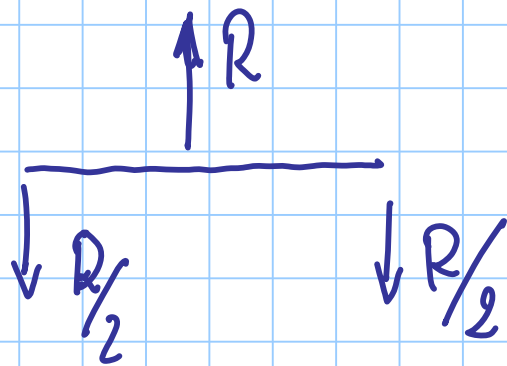


$$P_d l = R l_1$$

$$R = P_d \frac{l}{l_1}$$



$$b = \frac{M \eta'^2}{d^2}$$

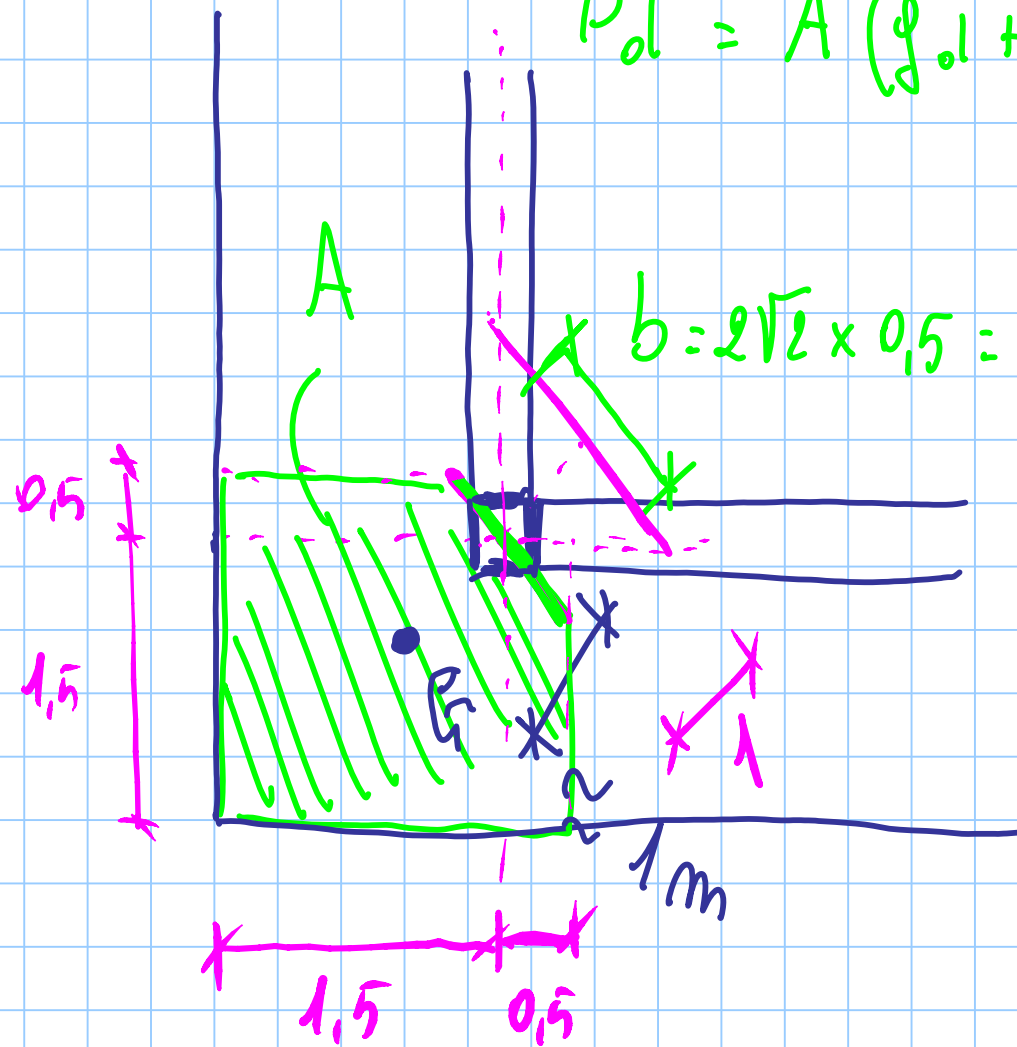


$$A_s = \frac{M}{0,9 d f_y d}$$





$$P_d = A (q_{d1} + q_o) = 2^2 \times (5,42 + 6) \\ = 46,9 \text{ kN}$$



$$M_{max} = 46,9 \times 1 = 46,9 \text{ kNm}$$

$$M_{Rd} = \frac{b d^2}{9,2} = \frac{1,4 \times 0,18^2}{0,014^2} \\ = 125,7 \text{ kNm}$$

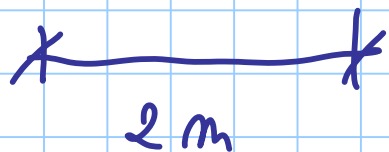
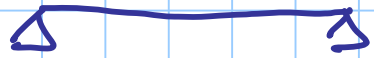
$$A_s = \frac{M}{0,9 d f_{yd}} = \frac{46,9 \times 10}{0,9 \times 0,18 \times 391,3} = 7,4 \text{ cm}^2$$

uz  $\phi 10$

$$n \phi_{10} = \frac{7,4}{0,78} = \cancel{9,49}$$

10

$$\uparrow R = P_d \frac{l}{l_1} = 46,9 \times \frac{1}{1} = 46,9 \text{ kN}$$



$$M = R \frac{L}{4} = 46,9 \times \frac{2}{4} = 23,5 \text{ kNm}$$

$$b = \frac{M z'^2}{d^2} = \frac{23,5 \times 0,019^2}{0,20^2} = 0,21 \text{ m}$$

30 cm

$$A_s = \frac{M}{0,9 d f_{yd}} = \frac{23,5 \times 10}{0,9 \times 0,2 \times 391,3} = 3,34 \text{ cm}^2$$

3  $\phi$  14 4,62 cm<sup>2</sup>



ESECUTIVO

SBALZATO

1:20

