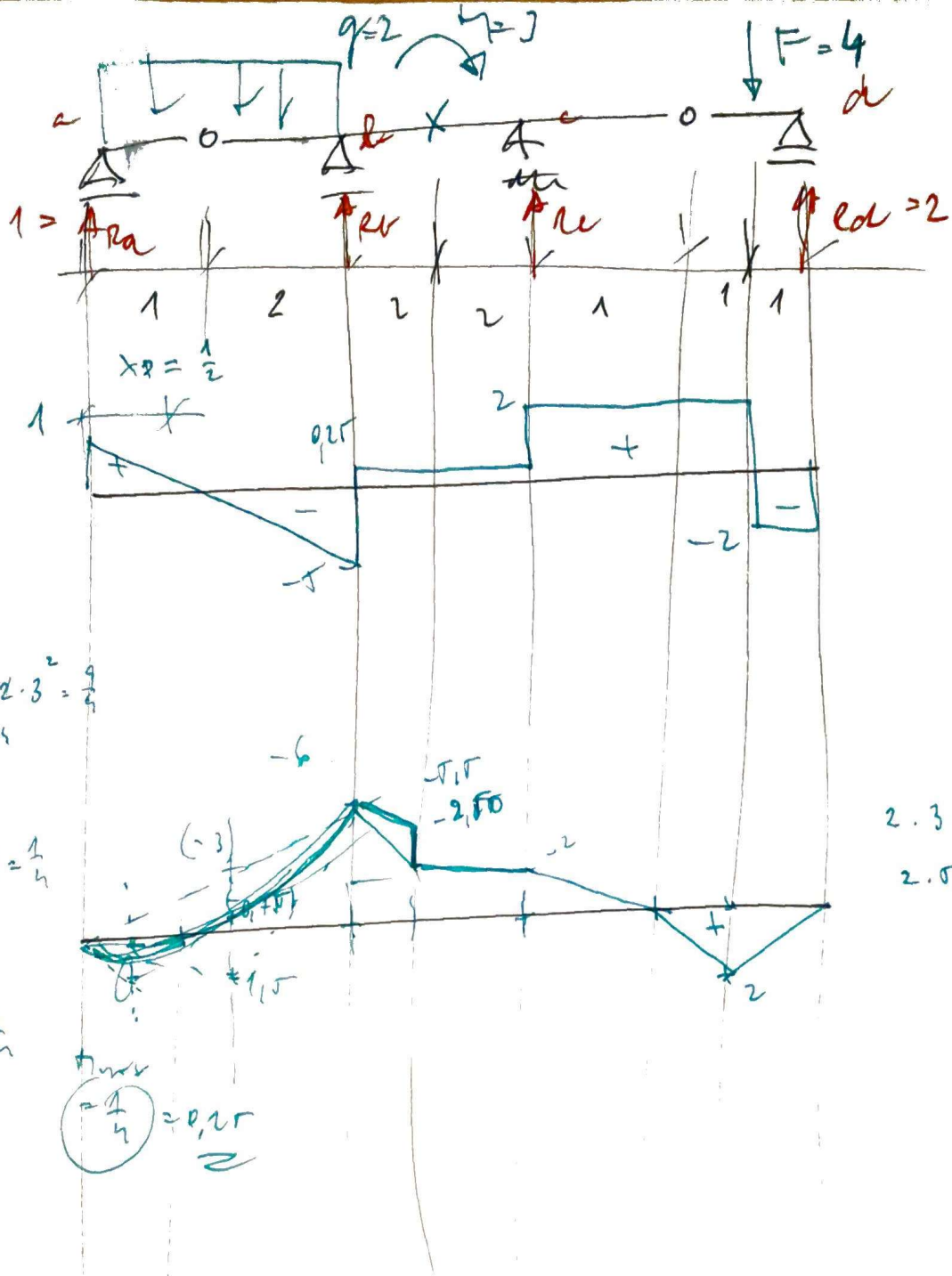


26.4.18



(V)

(M)

$$\frac{1}{8} \cdot 2 \cdot 3^2 = \frac{9}{4}$$

$$1 \cdot \frac{1}{2} - \frac{2 \cdot (\frac{1}{2})^2}{2} = \frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$

$$2 \cdot 3 - 4 \cdot 2 = -2$$

$$2 \cdot 5 - 4 \cdot 4 = -2$$

$$1 \cdot 3 - 2 \cdot \frac{3^2}{4} = 3 - 4.5 = -1.5$$

$$\frac{1}{4} = 0.25$$

$\sum M_{iL} = 0$

$$\uparrow -R_a \cdot 1 + \frac{2 \cdot 1^2}{2} = 0$$

$R_a = 1 \text{ kN}$

$\sum M_{iR} = 0$

$$\uparrow -R_d \cdot 2 + 4 \cdot 1 = 0$$

$R_d = 2$

$\sum M_{iC} = 0$

$$\uparrow + R_v = \frac{-1.7 + 2 \cdot 3 \cdot (1.5 + 4) - 3 - 4 \cdot 2 + 2 \cdot 3}{4} = 1.25 \text{ kN}$$

$\sum M_{iL} = 0$

$$\uparrow + R_v = \frac{1 \cdot 3 - 2 \cdot 3 \cdot (1.5) + 3 + 4 \cdot 6 + 2 \cdot 7}{4} = 1.75 \text{ kN}$$

$\sum R_2 = 0$

$$\uparrow + 1 + 2 - 1.25 + 1.75 - 6 - 4 = 0 \quad \checkmark$$