

# TRIANGOLO

$$m = (6,0 \pm 0,1) \text{ g}$$

$$Q = \frac{b \cdot h}{2}$$

$$b = (\bar{b} \pm e_{Q(b)}) \text{ cm}$$

$$h = (20,4 \pm 0,1) \text{ cm}$$

$$\bar{Q} = \frac{28,8 \text{ cm} \cdot 20,4 \text{ cm}}{2} = 293,76 \text{ cm}^2$$

$$e_{z(b)} = \frac{e_{Q(b)}}{\bar{b}} = 3,47 \times 10^{-3} = 0,00347 = 0,003$$

$$e_{z(h)} = \frac{e_{Q(h)}}{\bar{h}} = 4,90 \times 10^{-3} = 0,00490 = 0,005$$

$$e_{z(Q)} = e_{z(b)} + e_{z(h)} = 0,003 + 0,005 = 0,008$$

$$e_{Q(Q)} = e_{z(Q)} \bar{Q} = 2,35008 \text{ cm}^2 = 2 \text{ cm}^2$$

$$\bar{Q} = (294 \pm 2) \text{ cm}^2$$

$$\bar{m} = (6,0 \pm 0,1) \text{ g}$$

$$\text{grammatura} = \frac{m}{Q} = \frac{6,0 \text{ g}}{294 \text{ cm}^2} = 0,020408163 \frac{\text{g}}{\text{cm}^2}$$

$$e_{z(m)} = \frac{e_{Q(m)}}{\bar{m}} = \frac{0,1 \text{ g}}{6,0 \text{ g}} = 0,0166666 = 0,02$$

$$e_{z(Q)} = 0,008$$

$$e_{z(\text{grammatura})} = e_{z(m)} + e_{z(Q)} = 0,028 = 0,03$$

$$e_{Q(\text{grammatura})} = e_{z(\text{grammatura})} \times \bar{\text{grammatura}} =$$

$$= 0,00061224489 \frac{\text{g}}{\text{cm}^2} =$$

$$= 0,0006 \frac{\text{g}}{\text{cm}^2}$$

$$\text{grammatura} = (0,0204 \pm 0,0006) \frac{\text{g}}{\text{cm}^2}$$

$$= (204 \pm 6) \frac{\text{g}}{\text{m}^2}$$