



$$\vec{I} = \Delta \vec{p} = \vec{p}_{x} - \vec{p}_{x}$$

$$\Delta p = \sqrt{p_{x}^{2} + p_{x}^{2}} =$$

$$= \sqrt{(m N_{x})^{2} + (m N_{x})^{2}} = m \sqrt{N_{x}^{2} + N_{x}^{2}} =$$

$$= (0.250 \text{ kg}) \cdot \sqrt{(0.50)^{2} / 3}$$

$$= (0,250 \text{ kg}) \cdot \sqrt{(0,50)^2 + (2,0)^2} = 0,52 \text{ kg} \cdot \frac{\text{m}}{3}$$

