
Esercizio 6

$$GF = 1.150 * 10^{(-11)}$$

$$1.15 \times 10^{-11}$$

$$s = 5.6 * \frac{GF^2 * (200 * 10^{-15})^2}{\pi}$$

$$9.42961 \times 10^{-48}$$

$$nt = 2.2 * 10^{(24)}$$

$$2.2 \times 10^{24}$$

$$f = 1.37 * 10^{(20)}$$

$$1.37 \times 10^{20}$$

$$\phi = 1.09 * 10^{(17)}$$

$$1.09 \times 10^{17}$$

$$NA = 6.022 * 10^{(23)}$$

$$6.022 \times 10^{23}$$

$$nh2o = 200 * NA / (18 * 10^{-3})$$

$$6.69111 \times 10^{27}$$

$$nt = 2 * nh2o$$

$$1.33822 \times 10^{28}$$

$$\phi * nt * s$$

$$0.0137546$$