



$$G_A = 2G$$

$$G_B = 3G$$

$$\tau = ?$$

$$\alpha = ?$$

$$A_m = 57 \times 34,5 a^2 = 1967 a^2$$

$$T = 2 A_m f \Rightarrow f = \frac{T}{2 \times 1967 a^2} = 254,2 \times 10^{-6} \frac{T}{a^2}$$

$$\tau_B = \frac{f}{3a} = 84,73 \times 10^{-6} \frac{T}{a^3} \quad ; \quad \tau_A = \frac{f}{6a} = 42,38 \times 10^{-6} \frac{T}{a^3}$$

$$\alpha = \frac{\oint \gamma ds}{2 A_m} = \frac{254,2 \times 10^{-6}}{a^2} \left[\frac{\tau_B}{3G} (2 \times 34,5a + 57a) + \frac{\tau_A}{2G} \times 57a \right] = \frac{1,212 \times 10^{-6}}{a} \frac{T}{G}$$