7 Al 5-lea satelit al lui jupiter

T,=0,49822ile 9=0,001207 u.a.

Jupiter: Ty= 11,86 ani ay= 5,203 u.a

Raportul durtre masa planetei Jupiter si masa Soarelui

 $\frac{T_3^2}{a_3^2} = \frac{4\pi^2}{6M_0}$ Mo masa somelini

G= 6.668.10-11 N.m2/kg2

Th = 4 TI 2 G mg

 $4\pi^{2} = \frac{T_{3}^{2} \cdot G \cdot M_{0}}{a_{3}^{2}} = \frac{T_{3}^{2} \cdot G \cdot M_{0}}{a_{3}^{2}} = \frac{T_{3}^{2} \cdot G \cdot M_{0}}{a_{3}^{2}} = \frac{T_{3}^{2} \cdot G \cdot M_{0}}{a_{3}^{2}}$

 $\frac{M_0}{m_1} = \frac{T_0^2 \cdot \alpha_0^3}{T_0^2 \cdot \alpha_0^3} = \frac{T_0^2 \cdot 140,85}{T_0^2 \cdot 140,85} = \frac{0.4382 \cdot 140,85}{T_0^2 \cdot 140,85}$

 $T_{3} = 4331,77 \text{ side}$ = 0,2482.140,85 $= 21892.65.10^{-10}$

 $= \frac{3464231,33.17.10^{-10}}{0,031} = 1127,41$