2)
$$\vec{\tau} = (7000\hat{\tau} - 2000\hat{\tau} - 4000\hat{k}) \text{ km}$$

$$\vec{V} = (3\hat{\tau} - 6\hat{j} + 5\hat{k}) \text{ km}$$

$$\vec{\tau} = \lambda (7000)^2 + (-2000)^2 + (-4000)^2 \text{ km} = 8306,62 \text{ km}$$

$$\vec{V} = \lambda (3)^2 + (-6)^2 + (5)^2 = \lambda + 0 \text{ km} = 8,3 \text{ km}$$

Teniendo
$$\mu = 398600$$
, $441.8 \ \text{km}^3$ constante.

 $e = (1^2 - \mu)^{-1} + (7 \cdot 7)^{-1}$
 $e = (8,04 \text{km})^2 - 8306 \text{km}^2)^{-1} + (7 \cdot 7)^{-1}$
 $e = (40,054 \text{km}^2 - 44,986 \text{km}^2)^{-1} + (7 \cdot 7)^{-1}$
 $e = (10,054 \text{km}^2)^{-1} + (7 \cdot 7)^{-1}$
 $e = (10,054 \text{km}^2)^{-1} + (7 \cdot 7)^{-1}$
 $e = (10,04)^2 + (10,055)^2 + (10,085)^2 + (1$