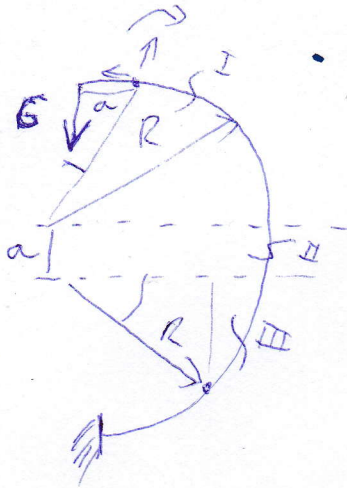


5)



2



$$k_k = 2 \quad R = 800 \quad a = 200$$

volcano:

$$11600 \quad k_k = 400$$

$$m = 120 \text{ kg}$$

$$d = 2$$

$$M_{01} = -G \cdot a \quad a = R \cdot \sin \varphi$$

$$M_{02} = G \cdot R$$

$$M_{03} = G \cdot (R - R \cdot \cos \varphi)$$