

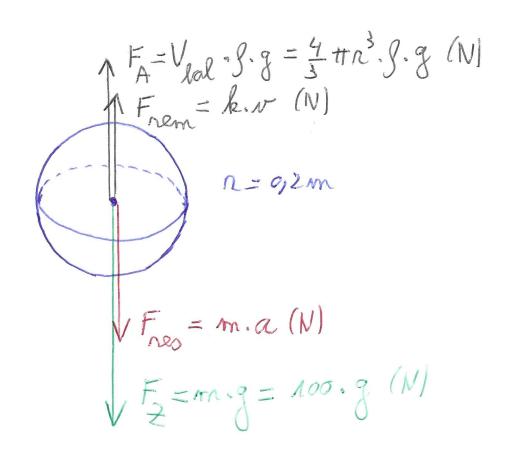
Fres =
$$\frac{1}{2} - \frac{1}{4} - \frac{1}{100}$$

 $m \cdot a = m \cdot g - \frac{1}{2} \cdot g \cdot g - k \cdot N$
 $100 \cdot \frac{dN}{dt} = 100 \cdot 9,81 - 0,3 \cdot 1000 \cdot 9,81 - k \cdot N$
 $100 \cdot \frac{dN}{dt} + k \cdot N = 716,13$
 $\frac{dN}{dt} + \frac{k}{100} \cdot N = 7,1613$
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$$M(t) = 2 = 2$$

$$= 2 \frac{k}{100} \cdot t$$

$$= 2 \frac{k}{$$



Fres =
$$f_2 - f_A - f_{nem}$$

 $m.a = m.g - \frac{4}{3}\pi n^3, J.g - k.v$

$$\frac{dN}{dt} + \frac{k}{100} \cdot N = 6,522637$$
 $Q(t)$

$$V(t) = \frac{652,2637}{k} + c.e^{-\frac{k}{100}t}$$