1.
$$\nabla^2 T(r) = -\frac{6\pi\eta \alpha}{\kappa_B T}$$
 $\nabla^2 T(r) = \frac{1}{r^2} \frac{d}{dr} \left(r^2 \frac{dT}{dr} \right) + \frac{1}{r^2 \sin \theta} \frac{d\theta}{d\theta} \left(\frac{\sin \theta}{d\theta} \frac{dr}{d\theta} \right) + \frac{1}{r^2 \sin \theta} \frac{d\theta^2}{d\theta^2}$

The solution of the proof of

15 de diciembre de 2021