

Laplace's Equation in spherical coordinates is:

$$\nabla^2 \mu = \frac{\partial^2 \mu}{\partial \rho^2} + \frac{2}{\rho} \frac{\partial \mu}{\partial \rho} + \frac{1}{\rho^2} \frac{\partial^2 \mu}{\partial \phi^2} + \frac{\cot \phi}{\rho^2} \frac{\partial \mu}{\partial \phi} + \frac{1}{\rho^2 \sin^2 \phi} \frac{\partial^2 \mu}{\partial \theta^2}$$