Cilindrichi koord. sis.

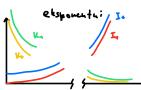
$$\nabla^{2}U + \lambda U = 0$$

$$\nabla^{2} = \frac{\partial^{2}}{\partial x^{2}} + \frac{1}{1} \frac{\partial}{\partial x^{2}} + \frac{1}{1} \frac{\partial^{2}}{\partial x^{2}} + \frac{\partial^{2}}{\partial x^{2}}$$

$$\nabla^{2}U = 0$$

$$\varphi: \frac{\phi^n}{q} = -n^2 \qquad m = 0 \; \left\{ \begin{array}{l} 4 \\ \varrho \end{array} \right\} \qquad m \neq 0 \; \left\{ \begin{array}{l} \sin m \, \varphi \\ \cos m \, \varrho \end{array} \right\} \qquad \left(Q_{\beta} : \; Y_{\alpha} = \sqrt{\frac{2\ell+1}{4\pi}} \; \frac{(\ell-m)!}{(\ell+m)!} \; P_{\alpha}^{m}(\cos\theta) \; e^{im\cdot \ell} \right)$$

$$- K_{\mathcal{I}} = \lambda \tau b_{\mathcal{I}} \quad \tau \circ \qquad \left\{ \begin{array}{c} L^{\kappa} \left(\kappa \iota \right) \\ \end{array} \right\}$$



Sphin

T:
$$\lambda=0$$

$$\begin{cases} \int_{-1}^{R} (2+A) \\ \int_{-1}^{R} (2+A) \end{cases}$$

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$$-\frac{1}{k^2} = \lambda^{20}$$
 { is (kr) } diverging or now diverging or now

Enache

$$\frac{\partial T}{\partial t} = D P' T + \frac{a}{9 c_0} \qquad D = \frac{\lambda}{9 c_0}$$

$$P = \int_{\mathbb{R}} 2 dV$$

$$u_{bb} = c^2 u_{KX}$$

$$= c^2 \sigma^2 u$$

$$\dot{c} = \frac{1}{\mu} \quad \text{opuo} \quad \text{na shike} \quad \frac{dF}{dR} = 7 \frac{dy}{dr} \quad F = 8 l \frac{dy}{dr}$$