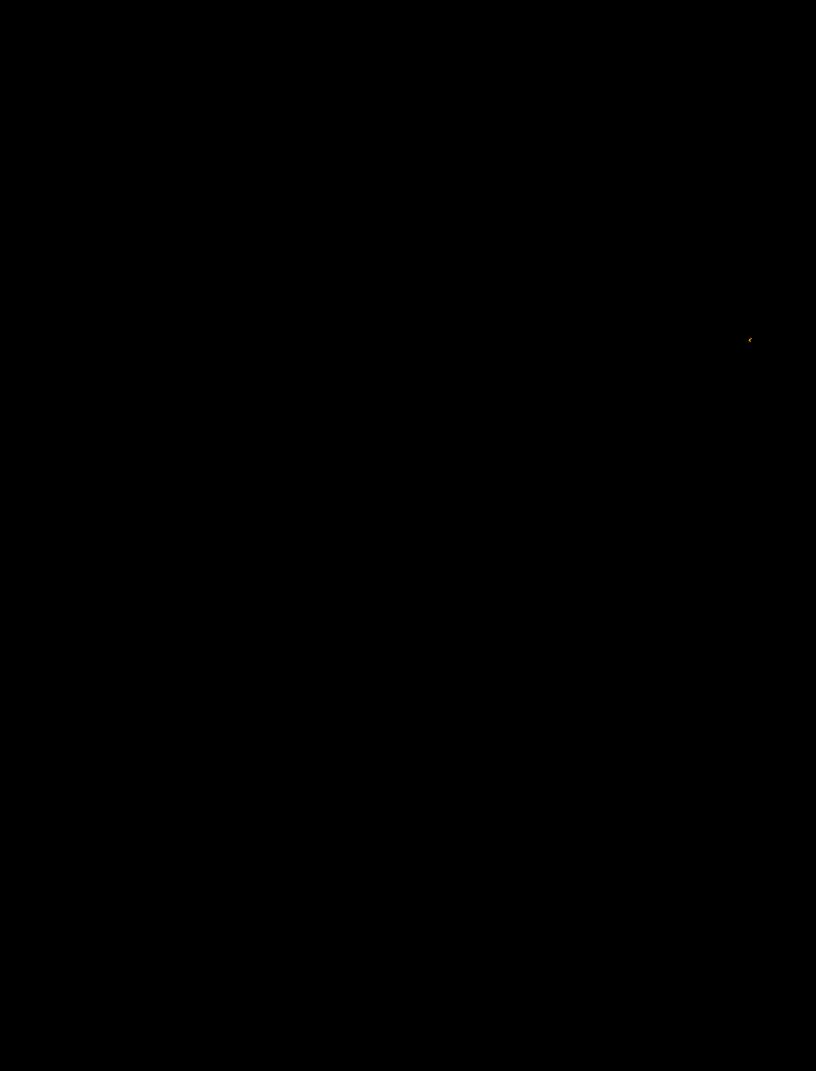
1) 4D Parabolic PDE.

(see photos)



$$\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = 0$$

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

$$\frac{1}{x} \cdot \frac{d^2x}{dx^2} + \frac{1}{y} \cdot \frac{d^2y}{dy^2} = 0$$

$$-\frac{1}{\chi} \cdot \frac{d^2\chi}{dx^2} = +\frac{1}{\gamma} \cdot \frac{d^2\gamma}{dy^2} = -\alpha_0^2$$

$$\frac{7}{2}$$

$$\frac{27}{2}$$

$$-\frac{1}{\chi} \cdot \frac{1}{2\chi} = -\alpha^{2}$$

$$\frac{d^2x}{dx^2} = 0$$

$$\frac{\alpha_n \cdot x}{\lambda_n} = c_2 \cdot e + c_3 \cdot e$$

$$\chi_n \left(c = 1 \right) = 0$$

$$\frac{3}{3x^2} + \frac{3^2u}{3y^2} = 0$$