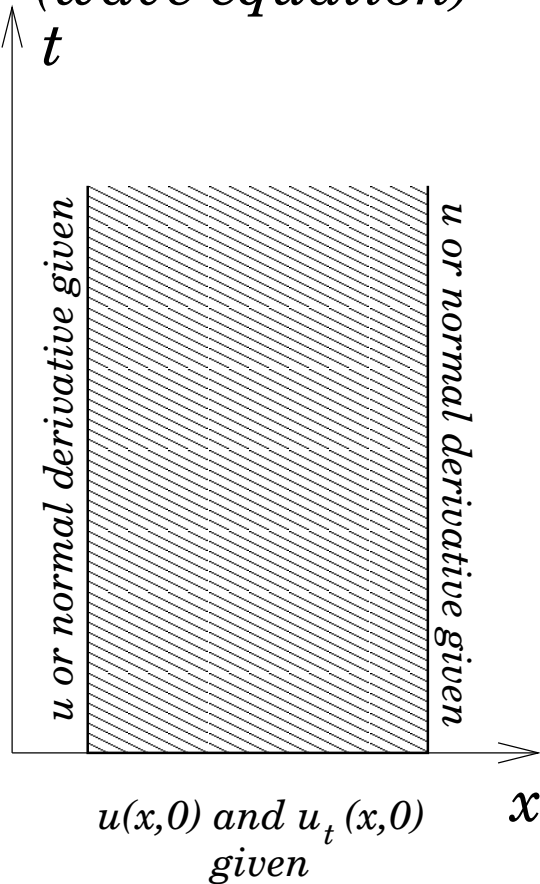


# Hyperbolic

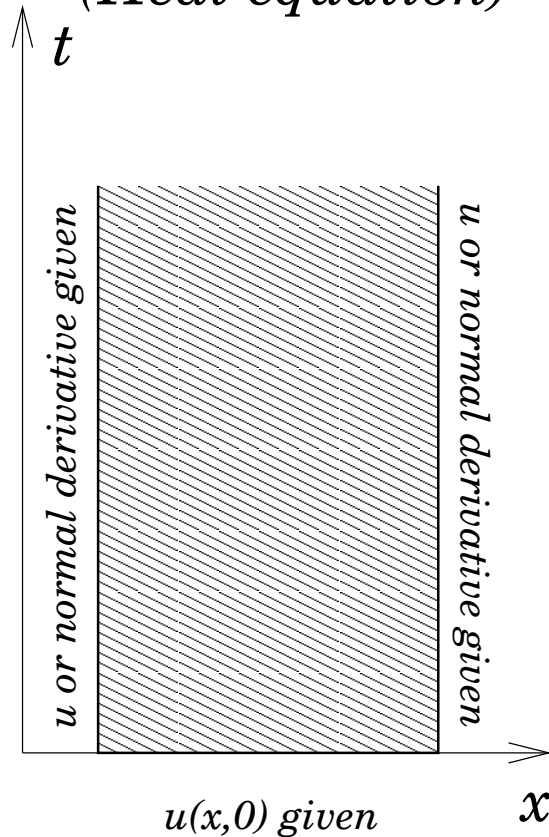
(wave equation)



$$u_{tt} - c^2 u_{xx} = 0$$

# Parabolic

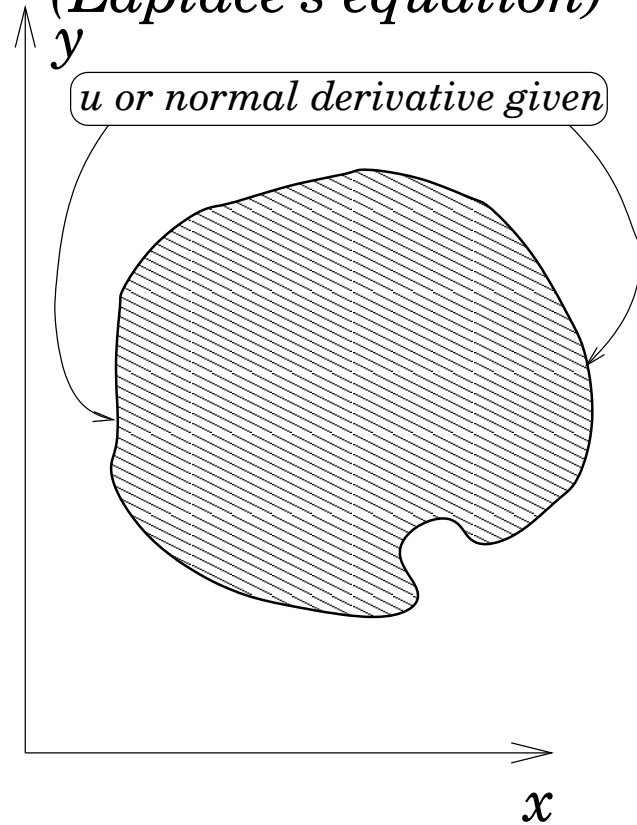
(Heat equation)



$$u_t - k u_{xx} = 0$$

# Elliptic

(Laplace's equation)



$$u_{xx} + u_{yy} = 0$$