4. Other Second-Order Partial Differential Equations

4.1. Tricomi equation $y\dfrac{\partial^2 w}{\partial x^2} + \dfrac{\partial^2 w}{\partial y^2} = 0$

4.2. Generalized Tricomi Equation $\dfrac{\partial^2 w}{\partial x^2} + f(x)\dfrac{\partial^2 w}{\partial y^2} = 0$

The EqWorld website presents extensive information on solutions to various classes of ordinary differential equations, partial differential equations, integral equations, functional equations, and other mathematical equations.