TUTORIAL-3

SOLUTIONS OF LINEAR EQUATIONS OF HIGHER ORDER WITH CONSTANT COEFFICIENT

1. Solve $(D^2+3DD'+2D'^2)z=x+y$.

2. Solve $(D^3-7DD'-6D'^3)z=\sin(x+2y)+e^{3x+y}$

3. Solve $(D^2-DD'+D'-1)z=0$.

4. Solve $(D^2+2DD'+D'^2)z=x^2y$