

Контрольная работа №3, вариант 0.

1. $y'' - 4y' + 3y = 0, y(0) = 1, y'(0) = 2.$ (36)

2. $y'' - y' = x^2 e^{2x} + \cos x.$ (56)

3. $y'' + 2y' + 2y = 3e^{-x} \cos x, y(0) = -1, y'(0) = 1.$ (46)

4. $y'' - 2y' + y = \frac{e^x}{x}.$ (46)

5. $x^3 y'' - 2xy = 6 \ln x.$ (46)