

Exercises from text

Sec 1.6: 1, 4, 9

Additional problems

Problem A. Solve $y' = \frac{t^3 - 2y}{t}$.

Problem B. Solve $y' = \frac{t}{y} + \frac{y}{t}$

Problem C. Solve $y' = e^{t+y}$.

Problem D. Solve $y' = \frac{t^2 - 1}{y^2 + 1}$, $y(-1) = 1$.