

Math 204. Homework 6

Problems from W.E. Boyce, R.C. DiPrima, D.B. Meade :

Section 3.6 p. 130, Problems: 3, 12, 16, 18, 21

and solve the following problem:

$$y''(t) + \frac{1}{4}y'(t) + 4y = 2 \cos(2t), \quad y(0) = 0, \quad y'(0) = 2.$$