

MAC2312: Calculus 2 - Section 3

Quiz 11: 9.1 Modeling with Differential Equations

June 23, 2015

1. Select the function that is a solution of the differential equation $y'' + y = \sin x$.
 - A. $y = \sin x$
 - B. $y = \cos x$
 - C. $y = \frac{1}{2}x \sin x$
 - D. $y = -\frac{1}{2}x \cos x$