

MAC2312: Calculus 2 - Section 3

Quiz 9: 8.3 Applications to Physics and Engineering

June 17, 2015

1. Find the center of mass (centroid) of the region bounded by $y = x$, $y = 0$, and $x = 1$.
 - A. $(\frac{1}{2}, \frac{1}{2})$
 - B. $(\frac{1}{2}, \frac{1}{3})$
 - C. $(\frac{2}{3}, \frac{1}{2})$
 - D. $(\frac{2}{3}, \frac{1}{3})$