Math 19A Calculus for Science, Engineering, and Mathematics Winter 2000, UCSC

Feb 14, 2000

Time: 15min

QUIZ 5

1. A stone is dropped into a lake, creating a circular ripple that travels outward at a speed of 2 ft/s. Find the rate at which the area within the circle is changing after 10 seconds.

This problem is worth 10 points.

 $\text{IAT}_{E^{X}} \qquad \qquad \mathcal{M}\mathcal{G}$