MATHEMATICS

Monday November 23 2015

Weekly test VIII

Ex.1 Verify Rolle's Theorem for the function $y = \frac{1-x^2}{x^2}$ in the interval $[-1, 1]$.

Ex.2 Using L'Hôpital's rule calculate the following limit

$$\lim_{x \to \infty} \frac{\log(1 + 2x)}{x}$$