Analysis 1: Aug–Nov 2026

Quiz 1: Time 10 minutes

October 27, 2026 · 10 marks

Q1: Let f be a differentiable function such that f' is differentiable. Suppose $f(a) = f(c) = f(b) = 0$ for some $a < c < b$. Show that there exists $x \in (a, b)$ such that $f''(x) = 0$.