MA 16010 Quiz 4

Lessons 9-12

16 February 2022

Problem 1. Find $f'(1)$ using the product rule and chain rule where,
$$f(x) = e^{2x}(2x-1)^3.$$

Problem 2. Find $f'(0)$ using the quotient rule and chain rule where,
$$f(x) = \frac{\sin(2x)}{(1+3x)^2}.$$