Studio derivata

domenica 12 giugno 2022 18:27

1) $f(x) = x^{\frac{1}{3}}$

   Fare derivata inversa

   $g'(1)$

   $$g'(1) = \frac{1}{f'(x)} = \frac{1}{\frac{1}{3}x^{\frac{1}{3}-1}} = \frac{1}{\frac{1}{3}x^{-\frac{2}{3}}} = \frac{1}{\frac{1}{3}} * \frac{1}{x^{-\frac{2}{3}}} = 3 * x^{\frac{2}{3}} = 3$$