

数Ⅲ(商の微分法)

⑥ 次の関数を微分せよ。

$$\textcircled{1} y = \frac{2x}{x^2+1}$$

$$\textcircled{2} y = \frac{1+x^2}{1-x^2}$$

$$\textcircled{3} y = \frac{x^3+x^2-5x+2}{x^2}$$

$$\textcircled{4} y = \frac{x^2-4x+3}{\sqrt{x}}$$