

Segno di funzioni razionali

Periodo 2 - UdA 6

Rappresentare graficamente le seguenti funzioni

$$[1] \quad y = \frac{(x^2+1)(x-2)^3}{3x^2(x+1)^3}$$

$$[2] \quad y = \frac{5x^3(x+1)}{2(x-2)^2(x+2)^3}$$

$$[3] \quad y = \frac{3(x+2)^3(x-4)}{x(x-3)^2}$$

$$[4] \quad y = -\frac{2(x^2+1)(x-4)^2}{3(x-2)^2(x+2)^4}$$

$$[5] \quad y = -\frac{(x-3)^3(x-1)}{5(x^4+4)^2(x+3)}$$

$$[6] \quad y = \frac{2x(x-3)^2}{(x^4+3)(x+2)}$$

$$[7] \quad y = \frac{(x-1)^2(x-2)^3}{5(x+1)(x+3)^4}$$

$$[8] \quad y = -\frac{4x^4(x+2)^2}{3(x-1)(x-3)^2}$$

$$[9] \quad y = \frac{4(x-2)^2(x-1)}{3(x^2+3)^2(x+1)^3}$$