

Průběh funkce

$$f(x) = \frac{2x}{1+x^2}$$

$$g(x) = x^4 - 4 \ln x, \quad g_1(x) = x^4 - \ln x^4$$

$$h(x) = \left( \frac{1-x}{1+x} \right)^2, \quad h_1(x) = \frac{(1-x)^2}{(1+x)^2}$$

$$i(x) = \frac{e^{-x}}{x+2}$$

$$j(x) = \operatorname{arctg} \left( \frac{\sqrt{3}}{x^2} \right)$$

$$k(x) = \frac{2(x^2 - x + 1)}{(x-1)^2}$$

$$l(x) = \frac{x^3}{1-x^2}$$

$$m(x) = x e^{\frac{1}{x}}$$