Calcolare le seguenti derivate di funzioni reali (da considerare definite nel loro *dominio naturale*):

$$D\left(3x^5 + 2x^3 - 4x^2 + 5\right)$$

$$D\left(2x^6 - 3x^5 + 7x^2 - 16x\right)$$

$$D\left(\frac{\cos x}{x + \operatorname{sen} x}\right)$$

$$D\left(\frac{\cos x}{x + e^x}\right)$$

$$D\left(\cos^5 x\right)$$

$$D\left(\operatorname{sen}(x^2)\right)$$

$$D\left(\log(\log x)\right)$$

$$D\left(\log\left(3x^2 + 5x - 2\right)\right)$$

$$D\left(\log\left(5x^2 + 4x - 7\right)\right)$$

$$D\left(e^{\frac{2x+3}{4x+5}}\right)$$

$$D\left(5^{\frac{2x+3}{x+3}}\right)$$

$$D\left(-x^2 + 2x^2 \log x\right)$$

$$D\left((7x^2 + x^5)\log(2 + e^x)\right)$$

$$D\left(\sqrt{\cos x + 2}\right)$$

$$D\left(\frac{1}{x^2 + \log 2}\right)$$

$$D\left(\frac{2x - 3}{x^2 + 1}\right)$$

$$D\left(\operatorname{arcsen}(\log x)\right)$$

$$D\left(\log(\operatorname{arctg} x)\right)$$

$$D\left(\log(|\operatorname{arctg} x|)\right)$$

$$D\left(\frac{x\log x}{x-1}\right)$$

$$D\left(\log\left(\frac{1+x}{1-x}\right)\right)$$

$$D\left(\pi^{8}\right)$$

$$D\left((1-e^{2x})\arccos(e^{x})\right)$$

$$D\left(5^{\sqrt{4-x^{2}}}\right)$$

$$D\left(\log_{3}\left(1+\operatorname{tg}^{2}x\right)\right)$$

$$D\left(\log_{x}7\right)$$

$$D\left(2^{x+1}\log(13x)\right)$$

$$D\left(\log_{4}(x+1)\operatorname{arcsen} x\right)$$

$$D\left(\frac{\arccos x}{\sqrt{1-x^{2}}}\right)$$

$$D\left(\operatorname{tg}\left(1-\log_{7}x\right)\right)$$