0 f: R-> R; f(x) = | x2 sim x , x+0 $f'(0) = \lim_{x \to \infty} x^{2} \sin^{\frac{1}{x}} = 0$ $f(x) = 0 \qquad \text{Sin } x = 0 \Rightarrow \frac{1}{x} = m\pi \Rightarrow x = m\pi$ for a file a pet acumulane a lui b a i f(a) = g(a) at unci => f(x) = g(x) pt f(a) a i f(a) = g(a) at unci => f(x) = g(x) pt f(a) a i f(a) = g(a) pem. f(a) = f(a) = g(a) pe f(a) = g(a) a i f(f $\mathcal{D}(0,1)$, f, a-cost+jsint=121=1 a>1. $\frac{(a-e^{-1t})(a-e^{-1t})}{(a-e^{-1t})(a-e^{-1t})} = a^2 - a(e^{-1t}+e^{-1t}) + 1 = f(x); g(x)$ \forall pot de pe cone e pet de a aumulate $\Rightarrow f(x) = g(x) = a - x$ $\Rightarrow f($ mult evident: (0,00) Le fe K(b) si cont pe frantiera (Fred lui B d If (K) se abinge pe frantiera dom Dedaca e diferita de funct constanta maxim.





