$$f''(x) = 2x + 2xh + h^2 - 2x^2 + x^2 = 2hx + h^2$$
 $f''(x) = \lim_{h \to 0} 2h^2 = \lim_{h \to 0} 2 = 2 = 2 + f''(x) = 2$

Se cample.

Para $f(x) = San(x)$ sabanos que $f'(x) = (as(x) y f''(x) = -San(x)$.

 $f'(x) = \lim_{h \to 0} -San(x+2h) + 4Sa(x+h) - 3San(x)$
 $f'(x) = \lim_{h \to 0} -San(x)(as(2h) - (as(x)San(2h) + 4San(x)(as(h) + 4Gas(x)San(h) - 3San(x))$

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2h

$$f'(x) = \frac{0}{0} \quad \text{Usamos L'hopidal} = \frac{1}{0} \int_{h=0}^{\infty} \frac{1}$$