Madada titallearning, com 07-90065034

$$f(x) \approx f(x_{0}) + f($$

$$\begin{array}{c}
\alpha = \frac{1}{2} f'''(x_0) \\
\alpha = \frac{1}{2} f'''(x_0) \\
f(x) = \frac{1}{2} f'''$$

$$f = f(x) \qquad x \rightarrow x + \delta x$$

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

$$+ \frac{1}{3!} f(x) + \frac{1}{2!} f(x) dx$$

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$$+ \frac{1}{3!} f(x) + \frac{1}{3!} f(x) dx$$

$$f(x,t) \qquad x \to x + dx \qquad \delta x = x - x_0$$

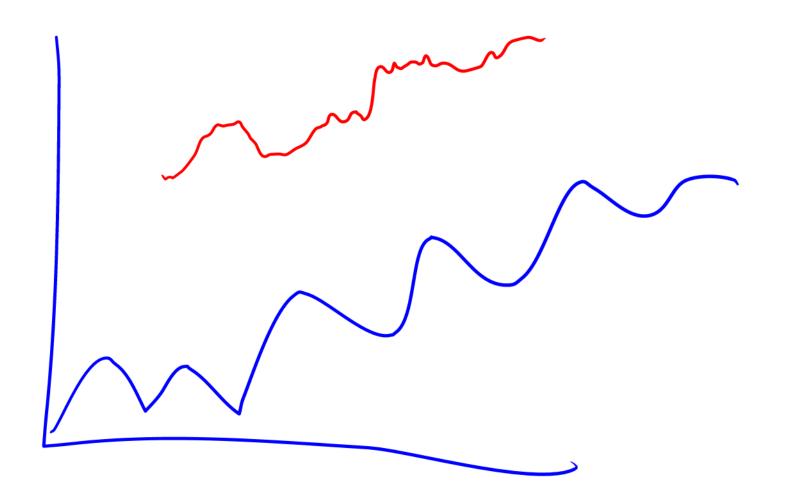
$$f(x+\delta x, t+\delta t) = f(x,t) + \partial f + \partial f + \partial f + dx$$

$$+ \int_{1}^{2} \int_{1}^{1} \int_{1}^{1} f(x+\delta x) dx \qquad dx = x - x_0$$

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$$+ \int_{1}^{2} \int_{1}^{1} \int_{1}^{1} f(x+\delta x) dx \qquad dx = x - x_0$$

V(S+JS,t+Jt)-V(S,t)=aVdifferential or Total Change 1 = 3 + 3 t



a) from the RW Collegeon + Zeo Story golder the Sous halet $\frac{55^2}{2}$ ~ O(1)It Jy2~ It 5~0(16)

$$\left(\frac{1}{1} + \frac{1}{2} \right)
 \left(\frac{1}{1} + \frac{1}{2} \right)$$

5 d 5 + 2 x d 5 - x b = 0

d 1

d 1

$$\int_{-\infty}^{\infty} e^{-x^{2}} dx = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} e^{-x^{2}} dx = \int_{-\infty}^$$

 $\int_{0}^{\infty} e^{-\alpha^{2}} d\alpha = \int_{0}^{\infty} \frac{1}{2} \cdot e^{-\alpha^{2}} d\alpha$ $-\frac{1}{2} = \frac{1}{2} = \frac{1$ 109 f = -3+B J (5) 13= A (= 3/42/3 Put $x = \frac{3}{3} =$) $2(dx = d\frac{3}{3})$ 2cA $= \frac{3}{2}$ $= \frac{3}{2}$