定效の 無限は選すぎ、表対23h多い。

 重統 医葡萄的一种之际

क्षांत्राक्षेत्र ह रुवरान्य हेस्ट्रिकंड distal

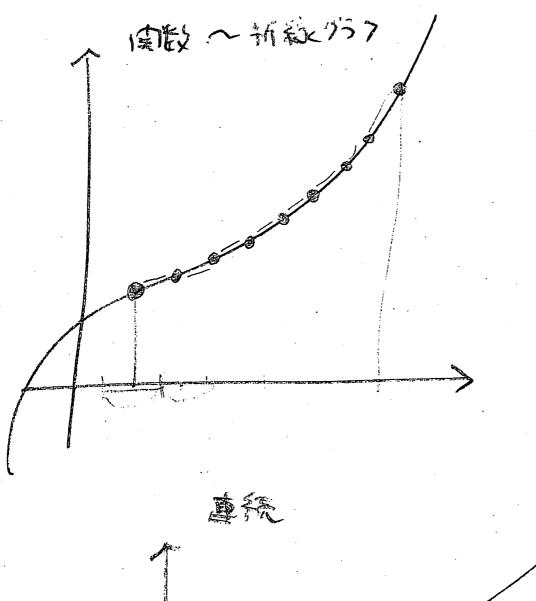
重新南部 (以)、大台及 {(x, fix) | x ∈ R }
(I) C R S(xi, fai)) ren, xiel;

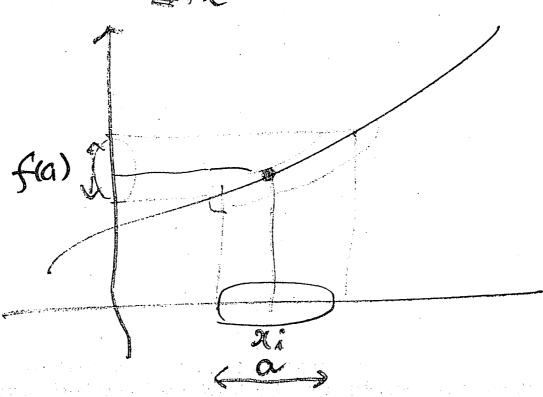
Etic (ar.fai) (am.fain))

TO STATE

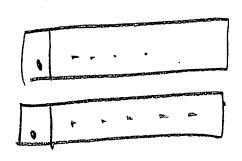
$$\lim_{x\to a} f(x) = f(a)$$

$$f(x) \to f(a) \quad (x\to a)$$





## 有限特质的計算2"



## 関数の変化と分析分(解析分的)

$$f(x+\Delta x) - f(x) = \Delta f$$

$$\Delta x = \frac{b-a}{n}$$

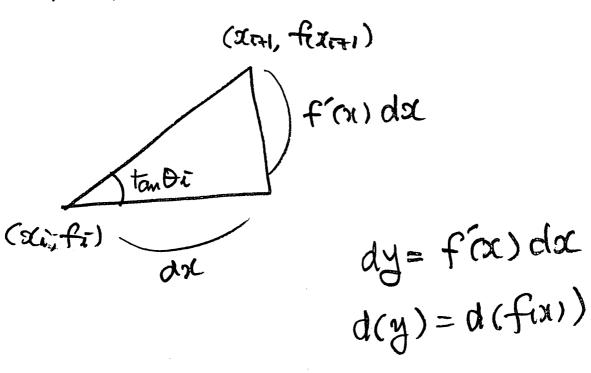
$$f(x+\Delta x) - f(x)$$

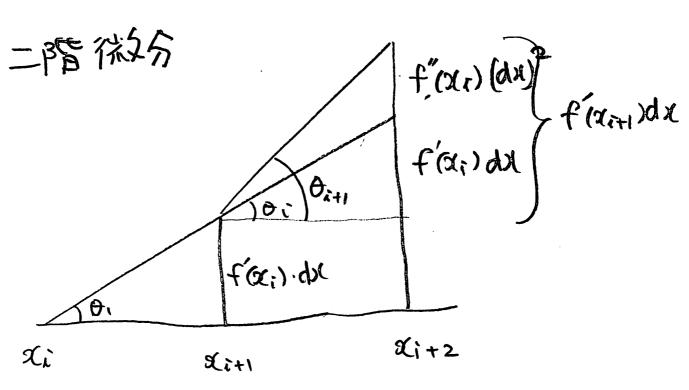
$$= \frac{f(x+\Delta x) - f(x)}{\Delta x}$$

$$\lim_{\Delta x \to dx} \frac{f(x+\Delta x) - f(x)}{\Delta x} = f(x)$$

$$\lim_{\Delta x \to dx} f(x + \Delta x) - f(x) = f'(x) dx$$

d-一階 1款分



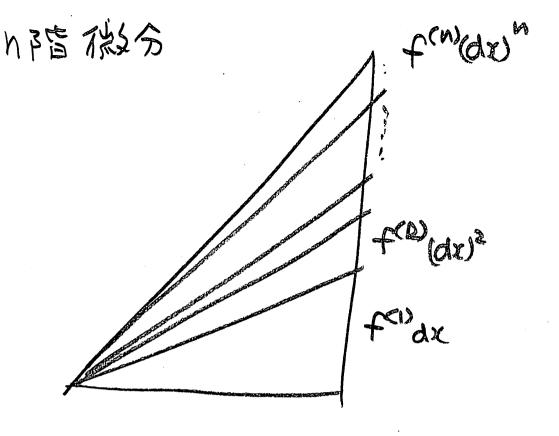


$$d(dy) = d(f(x)) \cdot dx$$

$$d^{2}(y) = f''(x)(dx)^{2}$$

$$d^{3}(y) = f^{(3)}(ax)^{3}$$

$$f(x_4) = f(x_3) + \sum_{i=1}^{3} f^{(i)}(x_i) (dx)^{i}$$



$$d''(y) = f(x_i)(dx)^n$$

$$\Delta(y) = \sum_{n=0}^{\infty} d^{(n)}(y) = \sum_{n=0}^{\infty} f(x_0) \cdot (dx_0)^n$$

$$\int_{a}^{b} \Delta(y) = y(b) - y(a)$$

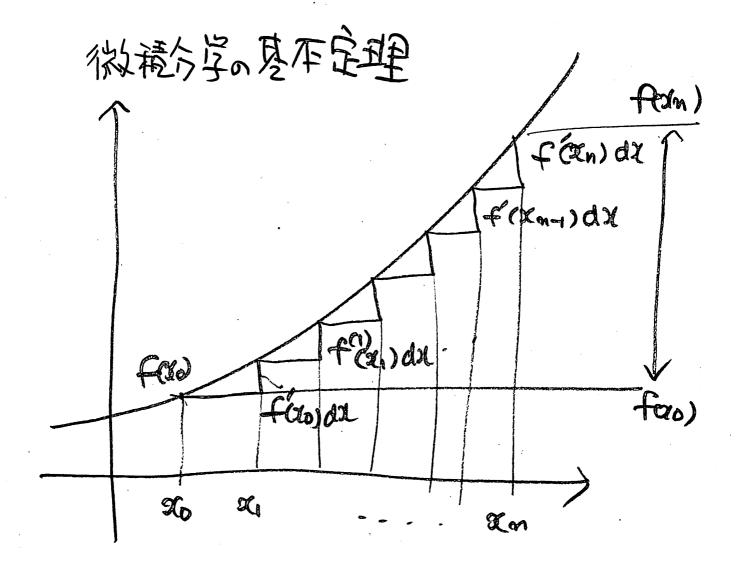
$$= (5 - RA)$$

$$\int_{a}^{b} \sum_{i=1}^{c(n)} (ax)^{n}$$

$$= f(a) + \sum_{i=1}^{\infty} f(a) (b-a)^{i}$$

$$\int_{a}^{b} (dx)^{n} = \int_{a}^{b} x (dx)^{n+1} = \int_{a}^{b} \frac{x^{2}}{2!} (dx)^{n-2}$$

$$= \frac{1}{n!} \left[ x^{m} \right]_{a}^{b}$$



$$f(x) - f(x) = \int_{x_0}^{x_0} f(x) dx$$

$$= \int_{x_0}^{x_0} f(x) dx$$