الناج الله المراج ا

محمدصادق اسحاقي

$$\frac{1}{2}(n) = \lim_{\Delta n \to \infty} \frac{1}{2} \frac{$$

$$f(n) = \frac{f(n+4n) - f(n)}{4n}$$

$$\Delta n_{z1} \rightarrow f(n_{z}) = f(n_{z}+1) - f(n_{z}) \rightarrow diff$$

$$f = [f_1, f_2, \dots, f_n]$$

In la

$$P' = \begin{bmatrix} f_2 - f_1 \\ An \end{bmatrix}$$
, $f_3 - f_2 \\ An \end{bmatrix} = \begin{bmatrix} A_n - f_{n-1} \\ An \end{bmatrix}$

$$A = \begin{bmatrix} \alpha_1, \alpha_2, \dots, \alpha_n \end{bmatrix}$$

$$P = \begin{bmatrix} f_1, f_2, \dots, f_n \end{bmatrix}$$

$$\frac{df}{diff(n)}$$

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ترابع میددلمای:

polyder

P= 3n-2n+n+5

p= 15n-6n+1

[3,0,-2,0,1,5]

[15,0,-6,0,1]

F(n, y)

$$\Delta E = \frac{gr}{gE} \dot{i} + \frac{g\lambda}{gE} \dot{i}$$

 $P(n) = \frac{P(n) - P(n)}{N - N}$

 $f(n) = f(n) \cdot (n-n) + f(n)$

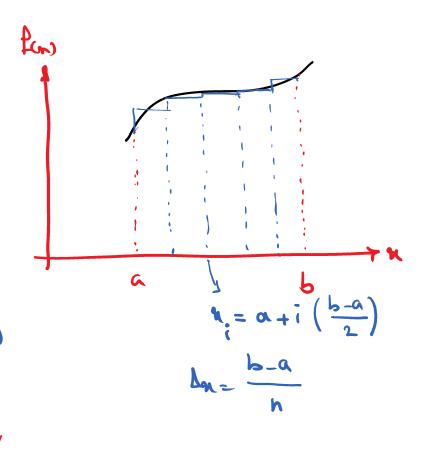
Laplacian

K(m)

U (2,4)

$$L = \frac{1}{4} \left(\frac{\partial u}{\partial n^2} + \frac{\partial u}{\partial y^2} \right)$$

$$\int_{\alpha}^{b} f(n) dn = \frac{b-a}{n} \int_{i=0}^{n-1} f(u_{i})$$



Julie (vs) 4

Sissibility: $\int_{a}^{b} P(n) dn$ $= \int_{a}^{b-a} \left(P(n) + P(n) + P(n) \right)$ $= \int_{a}^{b-a} \left(P(n) + P(n) + P(n) \right)$

trapz

كلوبع مسعلماى

Polyint

$$\int P(n) = \frac{1}{3}n^3 - n + C$$

$$1 = \int_{-5}^{5} \left(\frac{x^2 + y^2}{n + y^2} \right) dn dy$$

$$M(t) = Sin(2t)$$

$$1 = \int_{\alpha}^{b} \sqrt{\frac{1^{2} + y^{2} + z^{2}}{4t}} dt$$

1)
$$\int_{-5}^{5} \left(an + bn\right) dndy$$