

Numerical Integration. f-sonton [9,6] Sf(n)dn/

 $f(\pi) = \chi f(\pi n) e^{\chi r} \chi \in [1, 2]$

a parter (1.) (1.) (2., (9)) a

741-71=5

(afla))

b=7,

Vewton forward tenterbolan

Pr(n) = fo + afo (n-no) + 2/ (n-no)/n-v.)

$$P_{n}(x) = f_{0} + \Delta f_{0} (x-n_{0}) + \Delta f_{0} (x-n_{0})(x-v_{1})$$

$$T_{0} = a_{1} + \Delta f_{0} (x-n_{0})(x-v_{1})(x-n_{0})$$

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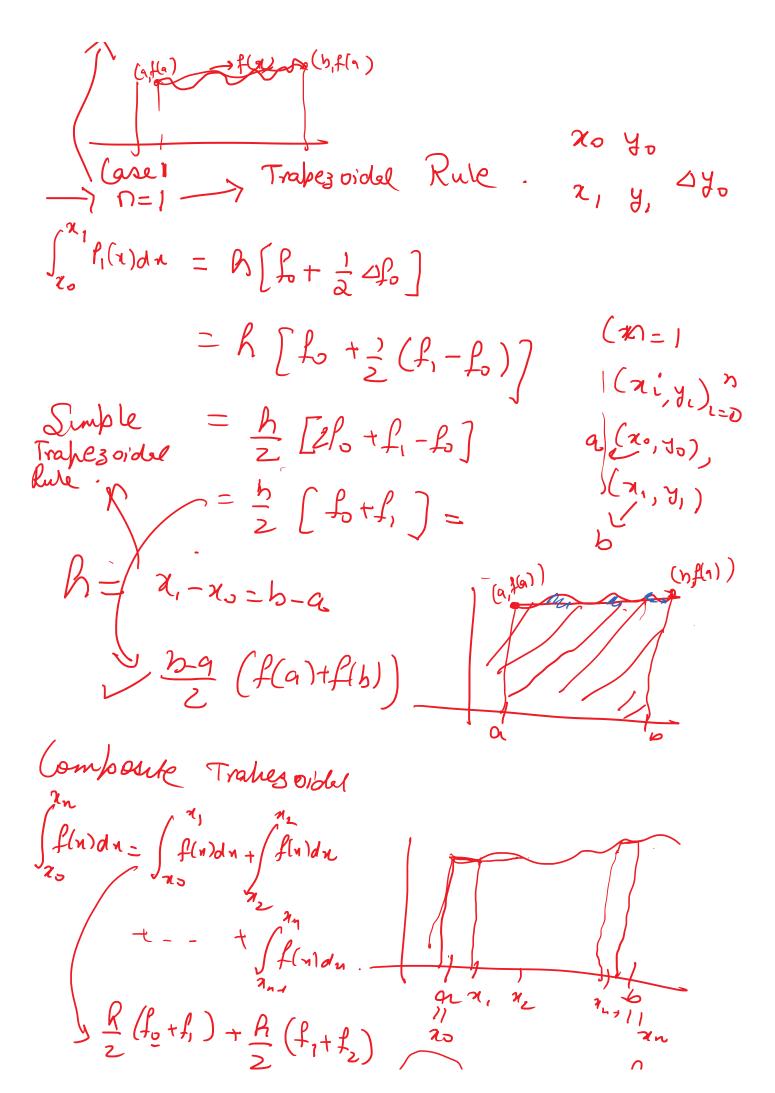
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$$\frac{1}{2}(t_0+f_1) + \frac{h}{2}(f_1+f_2) \qquad 20$$

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$$\frac{1}{2}(f_0+f_1) + \frac{h}{2}(f_1+f_2) + \frac{h}{2}(f_$$

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= \(\frac{h}{2} \) (0+0+2(\) \)
\[\text{NSUMM dN} \rightarrow \text{Fract}. \]
\[\text{Solute Prov | \text{Exact} - Aphronimete} \]
\[\text{Absolute Prov | \text{Exact} - Aphronimete} \]