$$|\mathcal{A}| = \frac{A}{1-\mathcal{R}^{p}} = \frac{A}{1-\mathcal{R}} + \frac{B}{1+\mathcal{R}} + \frac{C\mathcal{R}+D}{1+\mathcal{R}^{p}} \qquad (in)|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|f_{0}|$$

$$f(z) = g(b(x))b'(x) - g(a(x))a'(x) f(b) c f(z) = \int_{a(x)}^{b(x)} g(t)dt \quad \delta b \propto (\mathcal{V}[s, t^{0}])$$

$$\int_{a(x)}^{b(x)} g(t)dt \quad \delta b \propto (\mathcal{V}[s, t^{0}])$$

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[دانوه] (الف) راى هر XEIR ، ما تقصر به لط سلور مرسدُ اول هراه با جلهُ مط داري: · e > 1+90 0 0 1 20 0 0 0 0 000 000 9 = | ne المروع (ب) التوجه به قست (الن) بلى ا- (الع طرع المراع (ب) التوجه به قست (الن) بلى ا- (الع طرع المراع الم - (1) (1 + n) (- n) (- n) (1 + n) (- n) (- n) $= \lim_{n \to \infty} \int_{-\infty}^{\infty} \int_{-\infty}^{$ @ [º/Yo] $Sin(x) = \sum_{n=0}^{\infty} \frac{Sin^{(n)}(\overline{x})}{n!} (x - \overline{x})^n$ (iil) [0/10] = 소 + 소(8 - 뉴) - 소 나 (8 - 뉴) - 소 나 (8 - 뉴) + ... [olio] (-) El, con. $S_{m}(x) = \sum_{n=0}^{m} \frac{Sin^{(n)}(\frac{T}{k})}{n!} \left(x - \frac{T}{k}\right)^{n}$ عاع على در الطريكريد. بانق مر منطى توييب ويدهالى علور دارى: 10 $|Sin(x) - S_m(x)| = \frac{Sin^{(m+1)}(\xi)}{(m+1)!} |x - \frac{\pi}{\xi}|^{m+1}$. - I I , & C. U. Sie & U. T. $\left| \sin(\alpha) - \sin(\alpha) \right| \leq \frac{\left| \alpha - \overline{\mu} \right|^{m+1}}{(m+1)!}$

Jel Sin (m+1) (\$1 | (1 6) 1 8 0 0 0 000

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 $\lim_{n \to \infty} S_m(x_n) = Sin(x_n)$

$$\lim_{K \to \infty} \frac{1}{|n(n)|} = \lim_{N \to \infty} \frac{1}{N} \sum_{K=1}^{N} \left(\ln \frac{n}{K} \right) \sqrt{\frac{n}{K}}$$

$$= \int_{0}^{1} \left(\ln \frac{1}{N} \right) \left(\frac{1}{\sqrt{N}} \right) dN$$

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