

$$\frac{1(n) = (\cos \theta \cos \cos \theta) \cdot (\# \cot \theta)}{(\cos \theta - (\cos \theta))} \cdot (\# \cot \theta) + \sum_{i=0}^{\lfloor \log_{\theta} n - (\cos \theta) \rfloor^{2}} (3^{i}) (\frac{n}{5^{i}})^{2}$$

$$= (3)(3^{k}) + \sum_{i=0}^{\lfloor 3^{i} \rfloor} (\frac{n}{5^{i}})^{2}$$

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$$= 3^{k+1} + n^2 \sum_{i=0}^{k+1} (\frac{3}{24}i)^{i}$$

= 
$$3 + n^2 \sum_{i=0}^{2} (\frac{3}{25})^i \times v_8 ing geometric sum Sermla$$

$$= \frac{3}{1 + n^2} \left( \frac{1 - \frac{3}{26}}{1 - \frac{1}{26}} \right)$$

$$= \frac{|c+1|}{2} + \frac{1}{n^2} \left( \frac{1 - \frac{3}{25}}{\frac{22}{25}} \right)$$

$$= \frac{k+1}{25n^2} \left( 1 - \frac{3}{25} \log_5 \left( \frac{5n}{4} \right) \right)$$

log base change: 
$$\log_5\left(\frac{\zeta_n}{u}\right) = \frac{\log_{\frac{3}{25}}\left(\frac{\zeta_n}{u}\right)}{\log_{\frac{3}{25}}\zeta}$$

I know that 2+ tog 5 is smaller than 2, such that our highest form is no, thus our sival commerce will be: