Solving for the nonline complexity of
$$T(n)$$
:

$$T(n) = (\cos\delta \cot \delta \cot \cos \alpha) (H + \delta \cot \delta \cot \alpha) + \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{\pi}{5i})^2$$

$$= (1) (3^{\lfloor \log n-1 \rfloor}) + \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{\pi}{5i})^2$$

$$= (1) (3^{\lfloor \log n-1 \rfloor}) + \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{\pi}{5i})^2$$

$$= \frac{\log_4 n - 1}{1 + n^2 \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{3}{25})^i} + \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{3}{25})^i + \sum_{i=0}^{\lfloor \log n-2 \rfloor} (\frac{3}{25})^i + \sum_{i=0}^{\lfloor \log n-1 \rfloor} (\log_5 n)^n$$

$$= \frac{\log_6 n - 1}{1 + n^2 (\frac{1 - (\frac{3}{25})^{\lfloor \log n \rfloor}}{1 - (\frac{3}{25})^{\lfloor \log n \rfloor}})} + \sum_{i=0}^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1}$$

$$= \frac{\log_6 n - 1}{1 + 22 (1 - (\frac{3}{25})^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})}$$

$$= \frac{\log_6 n - 1}{1 + 25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})}$$

$$= \frac{\log_6 n - 1}{1 + 25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})} + \frac{\log_6 n - 1}{25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})}$$

$$= \frac{\log_6 n - 1}{1 + 25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})} + \frac{25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})}{1 + 25 (n^2 - (n)^{\lfloor \log n \rfloor} (\frac{3}{25})^{-1})}$$

From the above ne know that 2 + 1003, 5 22, such that the highest component is 12, such that

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