$$T(\frac{\Lambda}{3}) + (\frac{\Lambda}{3}) + (\frac{\Lambda^{2}}{3}) + (\frac{\Lambda^{2}}{3^{2}}) + (\frac{$$

$$T(n) = (n^2 + 4c(\frac{\alpha}{3})^2 + 4c(\frac{\alpha}{3})^2 + 4c(\frac{\alpha}{3})^2 + 4c(\frac{\alpha}{3})^2$$

$$T(N) = C_{N^{2}} \left(1 + \frac{y}{3^{2}} + \frac{y^{2}}{3^{4}} + \cdots + \frac{y^{k}}{3^{k}} \right)$$

$$T(N) = C_{N^{2}} \left(1 - \left(\frac{y}{q} \right) \log_{3} N \right)$$

T(N)= CN2log3 N