3 + log(N) (5)+1 (Tasn 15 5109(N) +4 5/0g(N)+4 =6/0g(n)+4  $(N_0 > 1)$   $C_1 = 6$ B(log(n)) log(n) = 5 log(m)+4  $C_{1=6}$   $W_{0} \ge 1$   $\mathcal{L}(\log n)$ 10g(n) < 5 log(n)+4 < 6 log(n)+4 C1=6 (2=1 Nosl

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$$(738 \times 2)$$

$$1+1+1+1+1+1+N(3+N(3+N(6)+1)+1)$$

$$6+3N+6N^{3}+4N^{2}+4N$$

$$6+3N+6N^{3}+4N^{2}+4N$$

$$6N^{3}+4N^{2}+7N+6 \leq 10N^{3}+N^{2}$$

$$N_{2} \geq 2 \quad C_{1} = 10 \quad O(N^{3})$$

$$N^{3} \leq 6N^{3}+4N^{2}+7N+6 \leq 10N^{3}+N^{2}$$

$$C_{1}=1 \quad N_{1} \geq 1 \quad A(N^{3})$$

$$N^{3} \leq 6N^{3}+4N^{2}+7N+6 \leq 10N^{3}+N^{2}$$

$$C_{1}=1 \quad N_{2} \geq 1 \quad A(N^{3})$$

$$N^{3} \leq 6N^{3}+4N^{2}+7N+6 \leq 10N^{3}+N^{2}$$

$$C_{1}=1 \quad N_{2} \geq 1 \quad A(N^{3})$$

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