Subject: Subject:

Date: / /

3

2+ lgN(3+2)

 $C \cdot g(n) = 6 \log(n) + 2$

2+5 log (n) = 6 log(n)+2

O (log(n)

for No > 1

(N)

log(n) ≤ 2+5 log(n) pr No>1

No

c.q(n)

 $C = \int$

 $\log(n) \le 2+5\log(n) \le 6\log(n) + 2$ $C_1 = 1$ $N_0 \ge 1$ $C_2 = 6$ Subject:

Date: / /

3 + N(N(N(6)))

3+6N3 = 7N

No 2

 $CO(N^3)$

 $C_1 = 7$

N3 <3+6N

C=1

J- (M3)

No > 1

(9)

 $N^3 \leq 3 + 6N^3 \leq 7N^2$

 $\sqrt{6} \geq 2$