:10 Sunday, September 26, 2021

مرضرع: کلل مجانی و غادها
$$0 - 12 - 0 - 0 - 0$$

عدرملی علی معلی از (م) $= (n) = (n) = (n)$

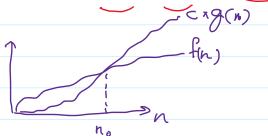
$$T_{r}(n) = 4n^{r} + 11$$
 $T_{r}(n) = 4n^{r} + 1$

$$V = \frac{T_{r}(n)}{T_{r}(n)} \leqslant r$$

$$\frac{9n'+71}{6n'+7n+1} \ll r \Rightarrow 9n'+71 \ll |rn'+9n+w|$$

$$f(n) = O(g(n)) : \exists n_o, C \quad \forall n \geq n_o \quad f(n) \langle Cg(n) \rangle$$

$$= \sum_{n \in \mathcal{N}} f(n) \langle Cg(n) \rangle$$



$$f_{(n)} = f_{n} \quad g_{(n)} = n \qquad (1) \text{ lin}$$

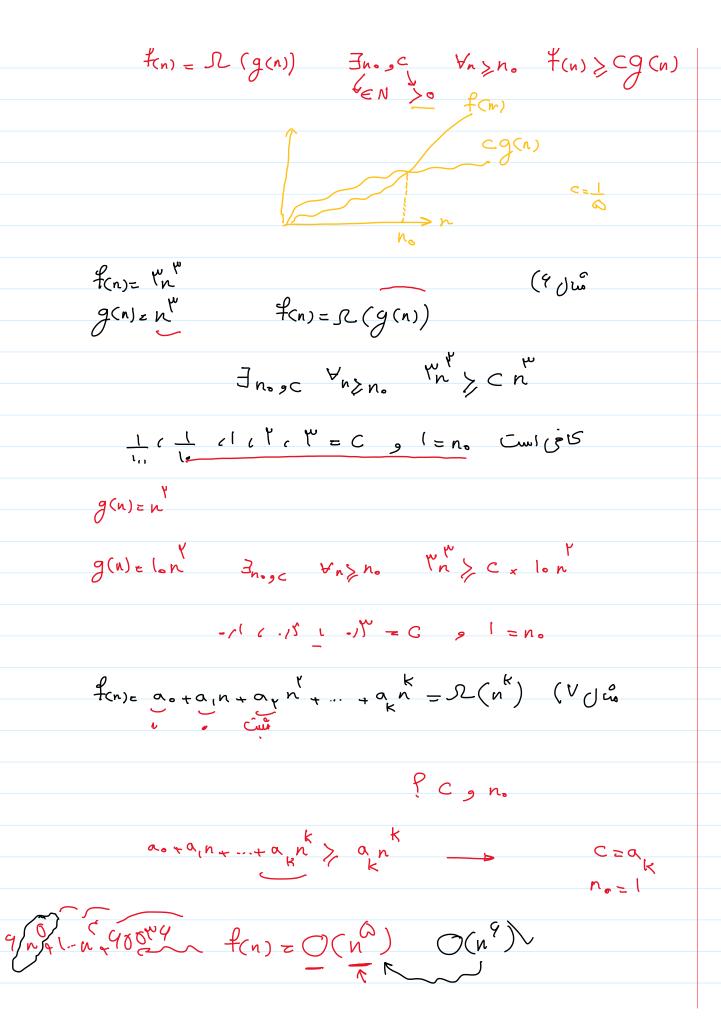
$$f_{(n)} = O(g(n)) : \text{ ris } \text{ cut'} \text{ reso } \text{ sis}$$

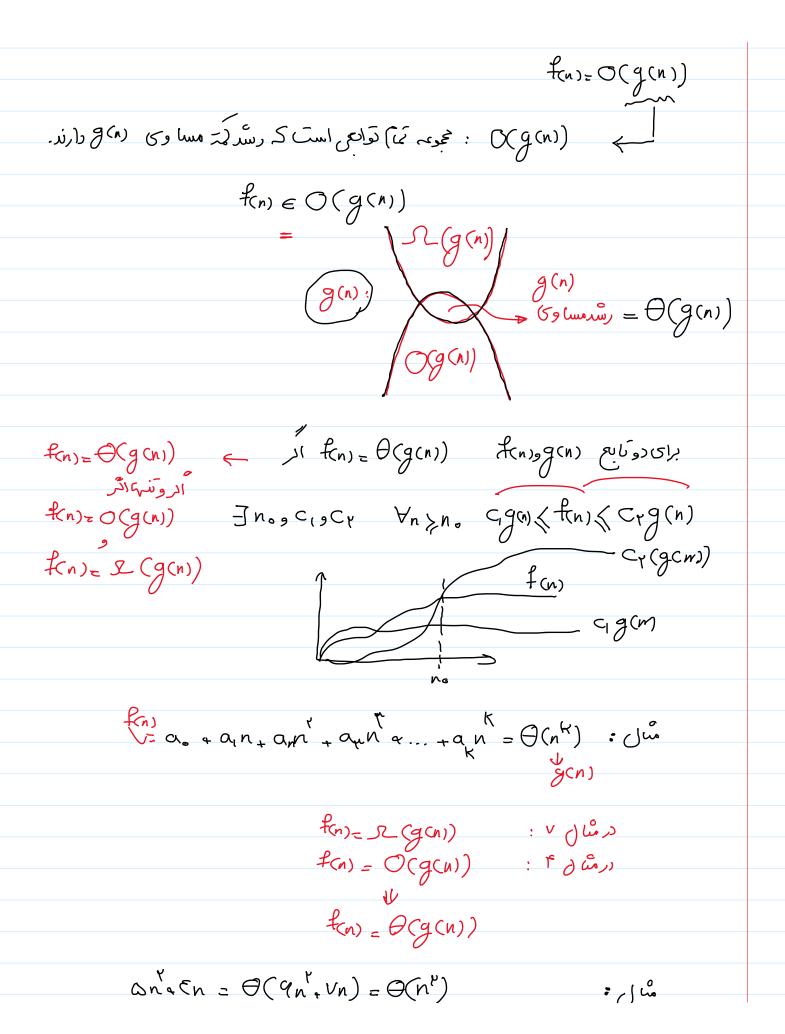
$$\exists n, c \quad \forall n \neq n \quad \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ or } \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \neq n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n \quad \rangle \text{ fin'} \quad \langle \text{Ch'} \\ \Rightarrow n$$

تخته2 Page

اَمِاتَ بِالسَّعَلِ: عِلَى : الْعَلَّالِينَ الْمَاتِ بِالسَّعَلِ: الْعَلَّالِينَ الْمَاتِ الْمَاتِ الْمَاتِ الْ می مورد می ایرای م و مقادیر کرد از م مزاره بروارا برای ۱+۱ م بن کنم. n+1 > logn + 1 = logn + logt = logtn > logn+1 D $\Lambda n^{r} + r^{r} = O(n^{r})$: r = 03,00 Vn>no Nn+ 4n (Cn $A_{n+k} \left(A_{n+k} \right) = \lim_{k \to \infty} \int || -C || -$ ([a = + a , + ... + a] N کافی است : ا = ۱۰۰۰ و نام کافی است : ا = ۱۰۰۰ و نام کافی است : ا ناد کا: توابع درما و رورنا لیرمر ناد کا: توابع درما و رورنا لیرمر $f(n) = \Omega(g(n))$ $\exists n \in C$ $\forall n \geq n \in C$ $f(n) \geq Cg(n)$

Page 3نخته





$$\frac{n}{r} \log^{n} r = \frac{n}{r} \left[\log^{n} - 1 \right]$$

$$\frac{n}{r} \log^{n} r = \frac{n}{r} \left[\log^{n} - 1 \right]$$

$$\frac{n}{r} \left[\log^{n} r \right]$$

$$= \frac{n}{\epsilon} \log n$$

$$= \frac{n}{\epsilon} \log n$$

$$f(n) = O(g(n)) \iff g(n) < O(f(n))$$

$$f(n) < O(g(n))$$

$$= \frac{1}{\epsilon} (n)$$

$$= \frac{1}{\epsilon} (n)$$

$$= \frac{1}{\epsilon} (n)$$