3 fluct exact solution using iteration

Trn1={

Trn1={ 27(L3]) +5 h23 T(0)= 2T([3]) +5 T(n)=5+2T([=]) = 5 + 5 - 2T([3]) = 5 + 2(5 + 2T([3]) = 45 + 4T([3]) 75+2(5+2(5+27 31) 24(T([34])+5)+5 recurrance challs when Lin 3 1 = 3 h < 3 3 k < n = 3 h < K + 1 : T(n) = Magnith = 2 log3 N (1+5)+5

141145 T(n) = } AT [[N/6])+n NZ5 to skow that $T(n) = \frac{\lfloor \log s^n \rfloor - 1}{5!} + 3.4^{\lfloor \log 5(n) \rfloor}$ T(U) = 4 + 4T L =] T(n) = n + 4 T L3 = 2 + 4(2+47/3)) = n + 4(n + 4(n + 4T | n |) $=4^{k}\left(T\left[\frac{n}{5}\kappa\right]+n\right)+n$ remover holls when Like 5 15 55 5 KL N 6 5 KM K -logs n LK+1 :. T(n) = 4 (3+n)+n = n. 4 (3sn)+n + 3. 4 (09sn) $\lim_{n\to\infty} \frac{|\log_n n|-1}{|\log_n n|-1} = \frac{1}{|\log_n n|-1} + \frac{1}{|\log_n n|} + \frac{1}{|\log_$