

T(n)=(c+on)+(c+ true)+... yeo-die series decressing Dominated by largest term [T(n)=0(on)] 1 This n+ 12 + 324 isonofil [T(n) = 0(n) fin) = n T(n) = 12 + (17/12 + (287/22 | T(n) = 0(12) ) f(n) = 12 [T(n) is dominated by sum and Zlogan level f(n)=10gn (G) a) [15;610 T(i)=10] [115;61024 T(i)=4] Dian Decresing gometre [T(n) = O(n) it n >1024

Stan b) [15 i = 10 T(i) = 10] [15 i = 1024 T(i) = 06 [Th): O(n) if n71024] Again decrasing sector

Scanned by CamScanner