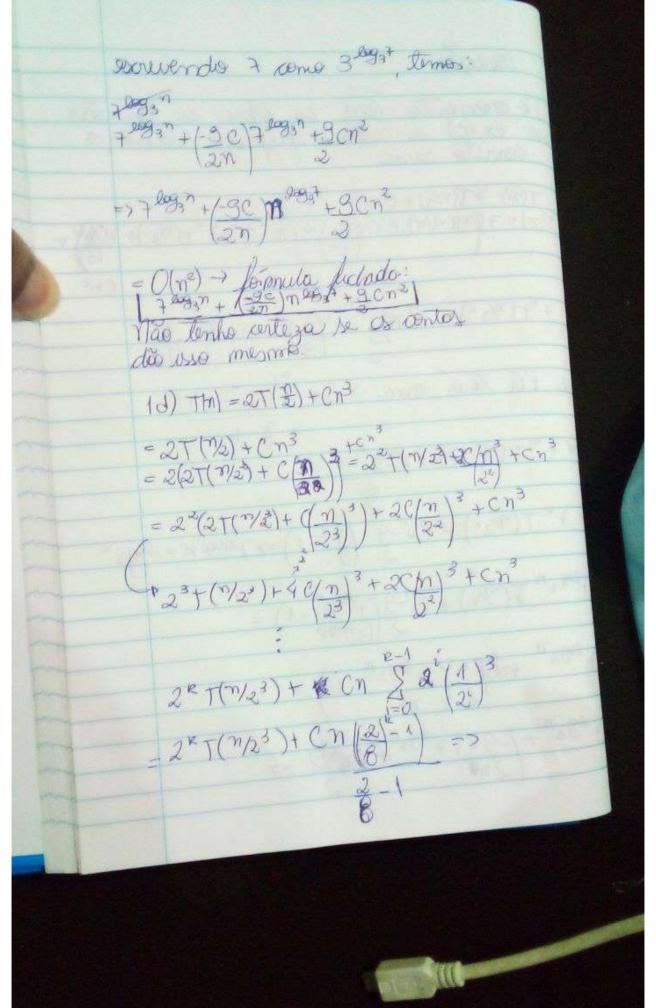
101 Ages = = 7 egs" + C (+ egs = -1 - 7 logs + C7 logs --- 1 7 10837 + C. (3 0033) 20337-1 = 7 = T(n/3 x) + Cn2 \ 3

anigas no ex 10) un estara figurate serrado, o $T(n) \rightarrow T(n/3) + Cn^2$ $T(n) = + (47(n/3) + C(\frac{n}{3})^2) + Cn^2 = 7^2 + (7/3^2) + 7(6)^2 + (1/3)^2 + (1$ = 7 8 $+ (^{10}/3^{8}) + (^{10}/3^{8}) + (^{10}/3^{10})^{2} = 9 + \frac{7}{9}$ a PG tera soma => S= 1 ((=) -1) = + 7 = + (7/3 =) + (13 =/9 = -1 = = 7 = T(1/3x) + (1) -9 (7x-1) => Para K = Jeg3" 7 Log 3 " J (") 1 + (1 - 9 (7 - 1) = = 7 93"+ (-90) 7 93"+ 0002 ->



2 = t(m/2 x) + 5 2 1 (m) 3 2 x T(m/2 x) + C n 3 3 2 2 1 (1) 3 =72 $\frac{1}{4}$ $\frac{1}{4}$ = 2 T(m/24) + (41 1 -1) (m3 pora R= lge, tenos $= 2^{49} + (3/n)^{1} + (-\frac{4}{3}) \cdot (4/9)^{2} \cdot (-3)^{2}$ = 2 tgh + (1 -1) Cn + => $n + \left(-\frac{4}{3}\right) \cdot \frac{1}{n^2} \cdot Cn^3 + \frac{4}{3} \cdot Cn^3$ $= n - \frac{9}{3} + \frac{4}{3} + \frac{1}{3} + \frac{1}{3}$