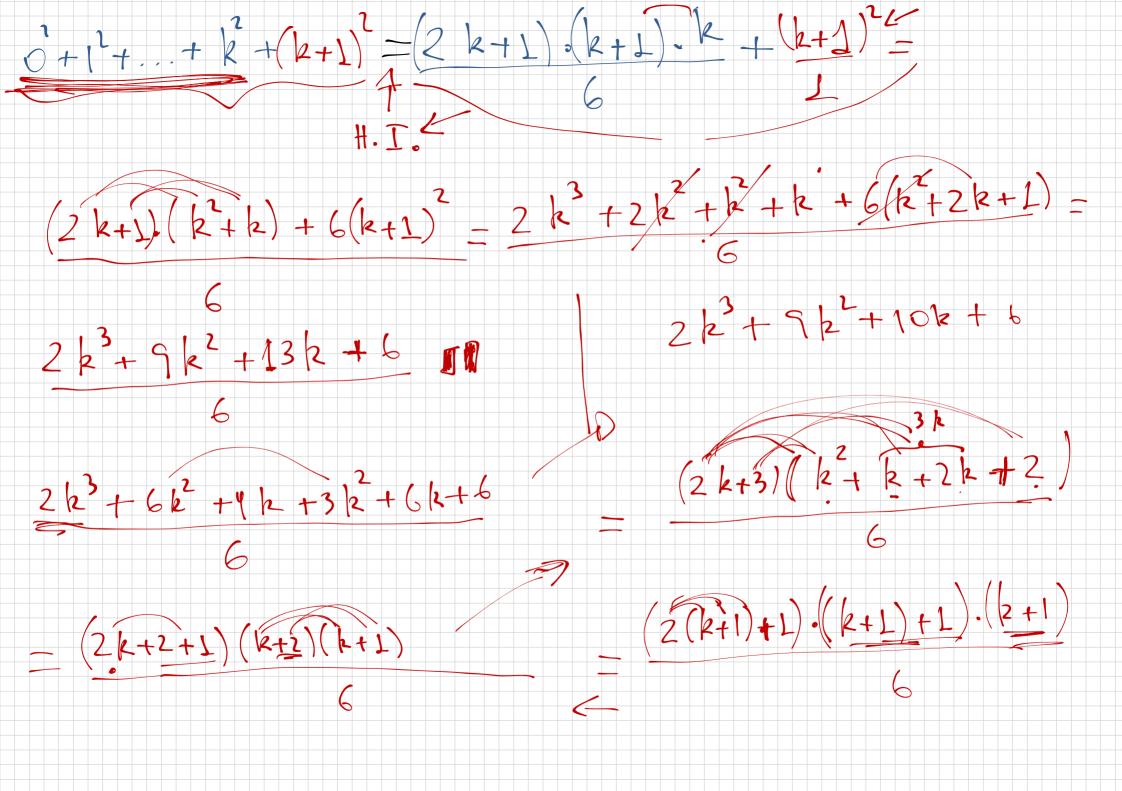
An(a) descreta 27/10 Exemplo: Porar por inducas que $0 + 1 + 2 + ... + N = (2n+1)(n+1) \cdot n$ 12 PASSO 3 N=0. V2 L

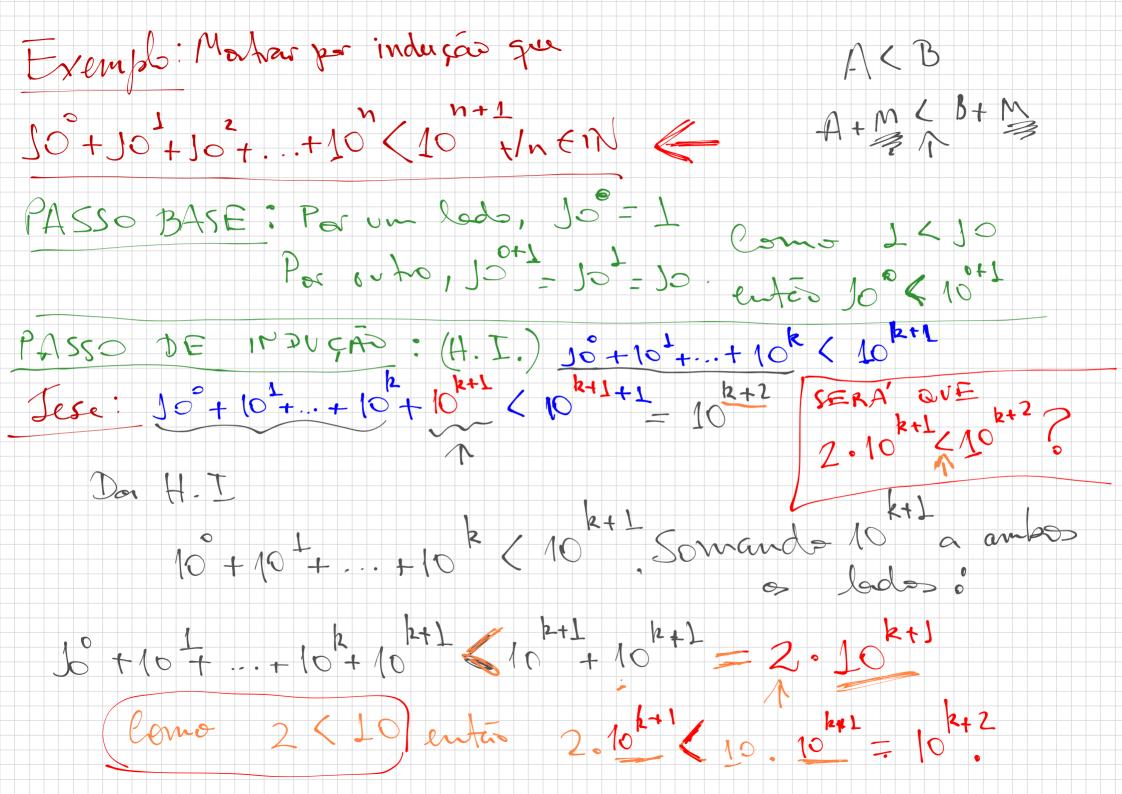
Do ledo es resdo: 0 = 0

Do lodo direito: (2,0+1).(01),.0=0 L. TASS HIPSTESE DE INDUCAD: 0+1+2+...+2=2k+1)·(k+1)·k



De non, pogue en contal. Por un l'ADD; $(2k+1)(k+1)(k) + (k+1) = (2k+1)(k+1)k + 6(k^2+2k+1)$ -2 k + 9 k + 13 k + 6 ± 4

Do onto lado, (2(k+1)+1)(k+1)+1)-(k+1)=(2k+2+1)(k+1)(k+1)=(2k+3)(k+1) = (2k+4k+3k+6)(k+1) =(22+12+6)(2+1) = 22+12+62 12 + 7 12 + 13 12 + 6 A = B = C = D = E



I Vamos Junter Juter B N=O O l= 1 escrever h=2 2 1 = 2 < 2 = 4 Exemplo. Provar por indu-ças que se n>4, entas 31=6 3=27 n = 4 41 = 24 4 = 16.16 = 19.6Divida en 2 pasemas. Py Py

