3 agara 1. 1 Dok-mb, romo onneg. use-a In = [x"ex-1 dx resumen repenucions & buge pergeneratione com-3 In = 1-nIn-1 a laberne rook. y violence I U= Nn (xex-1dx= dll=nxn-1dx beh=uv-1vdu $|dV = e^{x-1}dx$ $|V = \int e^{x-1}dx = e^{x-1}$ = xnex-1-nex-1/n-1 dx n-1ex-1 (2) Tepermen (1), grumabær (2) l buge:

In = x ne x-+ - n-In-+ (3) - rens: hornenter mun edansper 11 (xn x-1) = 1ne = 1n = 1 (4) Cue obamentono (3), gramabase (4)
une en la seg:

In = 1-n.In-1 (5) =(1-e-1)- mar yc-e que Jo Typolenkol: I = 5 x 1 e x - 1 x = 1 (x e x - 1) e x - 1 | = = 01 (x e x - 1 - e x - 1) = e 1

Marouszyse (5), nouy coele. I1=1-1.(I0)=1-1.(1-e-1)= Bourerougheronce 34-e, bourer Sion--gord pers. coom-a colongaion c bourer nogregantement upon-a => 10-monsperses Ceptro Io=(1- =) (6) 2. Dok-mb, emo permenere gus Ir In=1+\(\frac{\gamma^{-1}}{\chi^{-1}}\)+\(\frac{\gamma^{-1}}{\chi^{-1}}\)+\(\frac{\gamma^{-1}}{\gamma^{ lanoubzya (5), pourment In:

Ucroses 392 90-ey Compression n! ~ Jann. n° e govarame, uno perhype com e (5) sil - ca borne. Heyono wruben T. K. (7) the cuepgens uz (5), mo nogenalieur go-ry Congressiva & (7) · J2727.2.e-2 (8) Bamerene Jo not Jo +8; use S-usnar Course norpeux nar In=1+2(+1) × J2172 2.e-2 + (-1) 2(10+8)

Bourneu az (8): In-In= S. Jann . (-1) - (=) unepouseus. 5的= 312772. (-1)2 (空)2 Ogenus O(F(n)): S. 1277. (-1) 12 . Ja. (12) 12 const imeneruses howas. 0(5(n))= n Com-e (5) seb-ca bour negen. m k. f(n) obsempe polimen kouk 90-9 om n