Jz = f dz Inzt + bzl dt In format (b) de (m2 162)2 = m2t2 + 2m2b2 + + b22 (milba) == mare = 12mbal 1 bis J2 = [12 + 17 + 12 b2 t2 + 12 + 12 + 1] 02 In [[] + mabet 1 by 2 6] -d1 (=d2 t=0 (n22(d2)3 + m2b2(d2)2 + b22(d21) 6-0 (-d1)3 +naba(-da)2 +b3(-da)) Jz - (m23d23 + mzb2d22 + b22dz) - 0 In= - (-12d13 + rabidi2- 6,2d1) Iz nidi + mzbzdi + bzzdz Ja: miz di - nabadi + bida Pr= 1 [midi - mb+di + brid+ midi + mzb2di + bidz] d1=d2=d - 2d ·n2= -A b2=A { t=0 A t=d0 • $m_1 = A$ $b_1 = A$ $\begin{cases} t = -d & 0 \\ t = G & A \end{cases}$ mz = 0-A - -A $n_1 = \frac{A - 0}{0 - (-d)} = \frac{A}{d}$ Y = A (+ A (E [-d,0] Y = - A & + A En f = - d: y= - A + A = 0 m1 = A , b1 = A d1 = d m2 = - A1, b2= A, d2=d J2 = 1/4/12/3 + (-A/d) A/d2+ A2d J. = (A/d)2d3 - (A/d)(A)d2+A2d $= A^2d - A^2d + A^2d$ = A-d - A 2d + A2d : A'd Ji T= 2d $P_{x} = \frac{1}{2d} \cdot \frac{2A^{2}d}{3} = \frac{A^{2}}{3}$

x41. {m, 11b1, 16 C-d1,07 m, 11b2, 1 E[0,d+], 0, There de 'C-d1, d1].

Calcub de Co (coe Ficiente DC)

Por definición

$$I_1: \int (m(t)b)dt = m(t^2 + b)t,$$

$$I_1: \int \frac{m}{2} \{2 + b_1 \{ \}^0 = 0 - (\frac{m}{2} (-d_1)^2 + b_1 (-d_1) \} = -\frac{m}{2} d_1^2 + b_1 d_1.$$

$$\frac{b_2 - b_1}{2} d_1^2 = \frac{-B}{d_1} d_1^2 = -B d_1, \quad (b_1 + b_2) d_1 = 2B d_1,$$

$$Co = \frac{1}{7} (-Bd_1 + zBd_1) = Bd_1 = Bd_1 = B$$