función de transferencia Ecricio 3 [fm] = -k1(x-u)-b(x-y)-k2(x-y)=m1x Efm2 = -b(y-x)-k2(y-x)=m2y 1) aplicano T. de laplace Sifm + = - K1 (x-u) - b (5x - sy) - K2 (x-y) = m1 52x 0 2Fm2=-b(sy-sx)-k2(y-x)=m258 2) despegamos y en 2 - 654+65x-k24+ K2x= m2524 b5x+k2x= m2529+bsy+k24 3) reemployence 3 en (9) -t, (x-w)-bsx+bsy-t2x+t2y=m152x (b5+k2)4= m152x +k1 (x-w+ b5x+ k2x Kint ( bsx + K2x ) (bs+ k2) = m152x + k1 x + b5x + k2x Kyu (m252+ k2+ b5) = (m252+ k2+ b5)[x(n+52+ k+ b5+ k2)=. ... (b5+k2)(b5+k2)] u[k, (m252+k2+b5)] = x[(m252+K2+b5)(m152+k1+b5+k2)-.. (bs++2) (bs+ k2)  $(m_2 s^2 + k_2 + b s)$   $(m_2 s^2 + k_2 + b s)(m_1 s^2 + k_1 + b s + k_2) - (b s + k_2)^2$ 

