Aby X=0 With F/z Ay · Su segment I we have ZFy = Ay + V = 0 V = Ay for x = 0 to x 4 a since symmetrical we come sug V=Ay=Fr Per x=Obxea x > 2 - a to x = 1 Franky, V(x) · for geginent 2 we have AyA gn ZFy = Ag - E + V=0 W for x = a to x = 1/2 F/2 and since symmetrice x = a 10 x = L-a Finally, F/2 x=0 to x 2a x>1-a to x = 1 V(x) =x = a to x = L -a

+) = ma = -x V(x) + m(x) = x=0 bx Ka Mass = xV(x) Ser Sur x > L-a lo x = L Sur Segment (2) 2 m = -(a)(=) - x V(x) + M(x) = 0 Muss = a = + x /x x = a to and since sgimmetrical x K K-a 1 Seg. Sey. a FA final layout ! Ay xco CL  $\sqrt{(x)}$ FE M(x)1/2 q F William of william Money 0 904 100