

Necessary consideran (1) much q(x+L) = Q(x) dx = 0,

Necessary consideran Q'(L) - Q'(0) = - 1 g(x) dx = 0, ) = 1 s(M(2x) of x = 0; Cloude: The salution of (1)+(4) is whigher up to a constant 2. Proof: 42 premonship, les commen y x = Q x - y xx; - N' - O , N(0) = N(L) , N(0) = N(L) . Coencie columiani M = Co X + Cz; y(0)= y(b) => Cz = 0 . => y=Cz I we add the condition U(0) = d, then the columbian is unique 6) A 15 non inventile ( les A) = 0, as (1,2 1) c XenA, => we astot at change the last equation (now) by  $Q(0) = Q_0 = \lambda_1, \quad \lambda_1(A') > C' > 0$