$\frac{36.9:21}{(4)}$   $\frac{36.9:21}$ AMS: In = (NTI)4, N=1,2,3,--In = 5/n(unt). We get 1004 - 7 = 0 so od = x114 - x114 - x114, - x114, Let W= 144 and wrote general 88h g= cient cre + eze + cre, Moter & cos(us), soulant), coshlant), solutiont) & also ?
abords. ( 46)=0 = 0 = 0 ( + extentey=0) ( 46)=0 = 0 ( + extentey= m²cy + m²cy - m²cy = 0) (2) C, + C3 - (C2+e4) = 0 suppose m 20 > citca = exten =) 2(c,+c3)=0 =) e,=-c3 => Cr =-Cy

$$y(k) = c_{1}(e^{mk} + e^{mk}) + c_{2}(e^{imk} - e^{-(mk)})$$

$$= d sinh(mk) + p @shn(mk),$$

$$y''(0) = 0, (a)$$

$$y''(1) = 0$$