$\int_{\mathcal{U}} L(0,t) = 0$   $\int_{\mathcal{U}} L(0,t) = 0$   $\int_{\mathcal{U}} L(0,t) = 0$ (4) T. (4) X = (4) Jalgvgl: It w(a, t) = c. Ja. w(a, t) 2=. T"a = c". X"T  $\begin{cases} x^{2} & x^{2} & x^{2} \\ \hline x^{2} & x^{2} & x^{3} \end{cases}$   $\begin{cases} x^{2} & x^{2} \\ \hline x^{2} & x^{2} \end{cases}$ hongue oplones: X" = X. L, L heef 3 gwollen. X(x) = ALOS(II x) + Brim (VI x) X(0) = O(=, B=0 x(1) = 01= - Anim( [d) = 0 w. [ = m. T. (=> \ = (m\) -> Qm = (0) ( WLL ) e= 1 ! T." = c. (mk). T To = nm. co(cmx) + fm.nim(cmx) up(a,4) ¿ con(mon). (nm.con (cmos) + +m nim (cmos)) = { (or (week) · (vu · cor (week) + fu · vim (week)) — find an and bn. om = 0 door de bezin withinghous. ofms: ry(x4) = 5 (a(mesa). (fw.vim(mex)) 1 ((4,0) = nin (1701) cos(2701) 3(A) = E (D) (MEK) . fm. ME (2. \ \ 3(4). (0) (ma). da = \ \frac{1}{2} 2. 2. / 8(N). (O) (MTA). da: tm (=) fu = - 1. sin (mx). (m + 8)