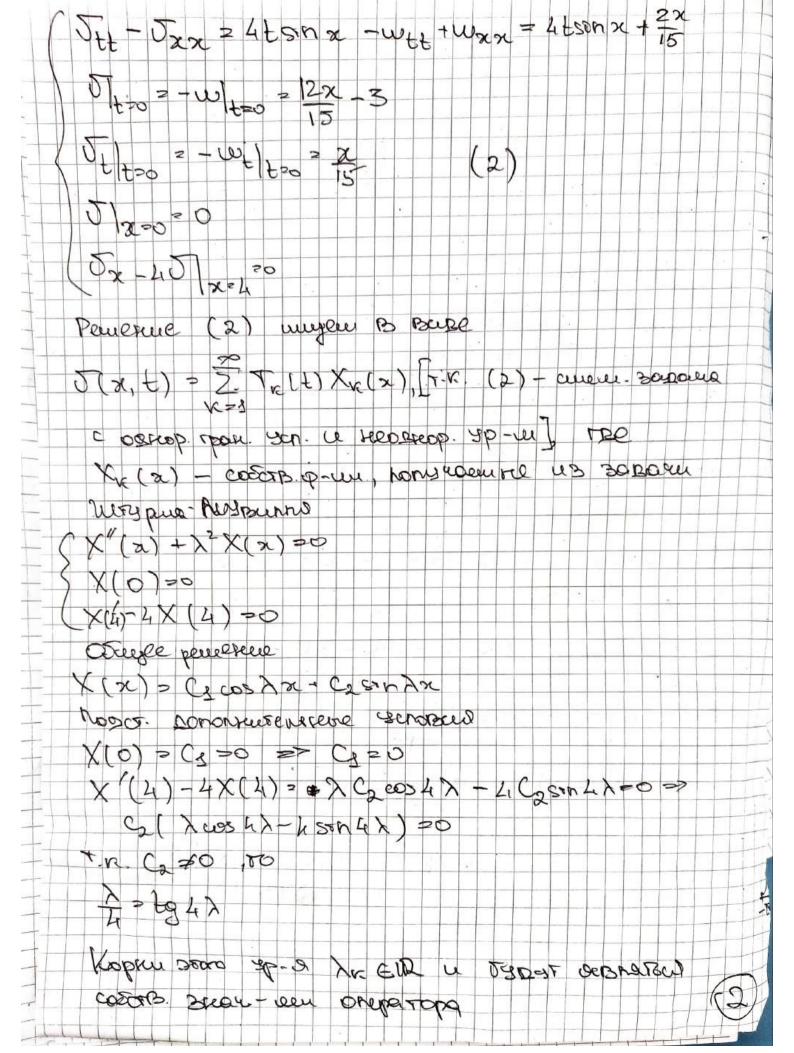
Utt - Uxx = 47500 x , 04x 24, 700 Ux-40 | = +2++ Uneen cenere. Salores c resprop pare. Ich. Peureur serour myen & Bure U(x,t)=5(x,t)+w(x,t),000 w(x, t) > ax2 + 6x+ c roral, uso ( w/x - 4 w/x = 4 + E NoscoaBeen oбседий Bas W B cerosuees! W (x = 2 C = 3 wx-4w/x=4=8 a +6-64a-166-12=-56a-156-12= z + 24 t NUSOR 0, 20 => 6 = +2++12 =>  $w(z, t)^2 - (t^2 + t + 12)$ Tenero un nomer nocopaise centre. sousaires c osses. poseeses 3ch - ver en 57 x, t)





2.15 cos4 xx + 2x cos4 2x (cos4 - 2x) ORY (nonespecies so) Tanua ospasou, moneu nocopanto Tru(t) + > Tru(t) = fr(t) Auge preserve voroporo Tr(t) = C2 cos >ut+ C2 sin >ut+ July) [+K. /K(+)=0 noscrasuu o (x, t) B 4ag yen -91 27,10) sonly = 2 (0,5mln x, ree 12x -3) sonya x 4x 15 ha + In Cosuan - 4 son 4/4 4 CSon In X dx 5 m2 (2-5178 da) 15 2m + COS4 2m (2m - 2m 4) 5 hr 2 (2 - 1 2 + 3

