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(Thre's an algebra error in my solution
 corrected below.)
                                   u (x,0 ) = f(x)=1-x
  M4 - (2M+1) Mx = 3
 Solu dy = - (211+1) du = 3; let x = x(0)
                            M=3f+1K
                           [M(x0,0)=K =) K=1-x0
 dx = - (2(3++1-x.)+1)
dt = -6+ + 2x. -3 = my motale was at this step
 x = -3+2+2xot-3+ + C
x(0) = x_0 = 7 x = -3t^2 + 2x_0t - 3t + x_0
       = 7 \quad \chi_0 = \frac{X + 3 + ^2 + 3 + }{2 + 1}
            u = \frac{6t^2 + 5t + 1 - x - 7t^2 - 3t}{2t + 1}
```