Math 387 HW/

Trever McCaffrey 1/5/2022

all solutions to the system

 $\int x_1 + 2x_2 + 3x_3 = 8$

 $X_1 - X_2 + 3x_3 = 5$

(j) - (ii)

X1+2+3x3=8

 $x_1 + 3x_3 = 6$ $x_1 + 3x_3 = 6$ $-1 + 3x_3 = 5$

 $\chi_1 = 6 - 3x_3$

X1 = 6-x3

X3 = X3 (free