

Math 3280 Worksheet 31: first-order systems

Group members (2 to 4): _____

- (1) Solve the initial value problem $x_1' = 6x_1 - 7x_2$, $x_2' = x_1 - 2x_2$, $x_1(0) = 4$,
 $x_2(0) = 1$.