MATH 2890 Linear Algebra Spring 2009, Professor El-Bialy

## Text: DeFranza

## Exercises

The following is a tentative list of exercises. Additional exercises may be assigned in class. A few may be omitted.
1.1 $1,3,9,11,13,15,19,21,23,25,27,29,31,33$, 37, 39, 40-44.
§1.2 3, 7, 9, 11, 13, 17, 21-28, 31, 35, 39, 41, 45, 47, 49, 51.
§1.3 5-11, 15, 19, 23, *(25, 27, 28, 29, 31, 33, 34), ** $(43,44)$.
§1.4 1, 3, 7, 8, 10, 11, 13-15, 20-24.
$\S 1.53,5,9,11,13,15,17,19,21,25-28$.
§1.6 1-4, 5-8, 9-10, 11, 15, 17, 21, 23, 25, 26, 27-30, 31, 33, 35-37, 38-43, 45, 51, 52.
$\S 1.71-4,5,7,9,10,11,13,16,17,19,21-25,27$.
$\S 2.13,7,9,11,13,15,21,23,25,29,31$.
$\S 2.21,3,5,7,9,11,15,16,17,19,21,22,23,24$, $25-28,29,30$.
§2.3 1, 3, 5, 7, 9, 12, 13, 15-18, 19-20, 21-25, 27-30.
$\S 3.11,3,5,7,8-19,20,24,26,27,28,29$.
$\S 3.22,3,5,6,7,9,11,14-18,20,21,23,25-26$, 27-28, 29-30, 31-32, 35-36, 38-39, 41-42, 44-46.
§3.3 1-6, 8, 10-12, 15-18, 19-24, 29-30, 32, 34, 36, 40, 42, 43, 44.

## Group Work

## GW1:

1. §1.2: 49,51 .
2. $\$ 1.3: 28,33$.
3. §1.4: $22,24$.
4. §1.5: 19, 21, 25, 27, 28, 31.

## GW2:

1. $\S 1.6: 14,17,21,23,25,27-30,31,41,51$.
2. §1.7: 1-4, 7, 9, 15, 16, 19, 21, 23, 27.

## GW3:

1. $\S 2.1: 12,16,21,31$.
2. $\S 2.2: 5,9,11,13,18,20,22,24,25,27$, 29, 30.

## GW4:

1. $\S 2.3: 7,9,12,13,15-18,19-20,21,22,23$, $24,25,27,29$.

## GW5:

1. $\S 3.1: ~ 8,12,13,14,15,16,20,23,24,26$.

## GW6:

1. $\S 3.214,16,26-30,32,36,38-39,41-42,44$, 46.

## GW6:

1. $\S 3.31-6,15-18,20,22,24,29-30,32,34$, $36,40,42,43,44$.

## GW7:

1. $\S 3.42,4,6,8,10,11,12,14,16,18,20$, 22.
