# Math 22 Homework - Spring 2014

**HW 1** - Due Monday, 3/31

| Ch.Sec | Problems |
|---|---|
| 1.1 | 2, 4, 14, 16, 18, 20, *33, 34* (*extra credit*) |
| 1.2 | 2, 4, 8, 14, 20, 33 |
| 1.3 | 2, 4, 10, 14, 18, 24, 28, 29 |

**HW 2** - Due Monday, 4/7

| | |
|---|---|
| 1.4 | 1, 4, 9, 10, 13, 16, 18, 26, 35 |
| 1.5 | 1, 6, 8, 12, 20, 22, 24 |
| 1.6 | 3, 12 |
| 1.7 | 1, 5, 8, 10, 14, 21, 23, 24, 38 |
| 1.8 | 1, 7, 9, 13, 14, 15, 16, 17 |

**HW 3** - Due Monday, 4/14

| | |
|---|---|
| 1.8 | 4, 6, 12, 24, 30, 31, 32 |
| 1.9 | 2, 4, 8, 12, 16, 18, 22, 26, 30 |
| 1.10 | 5, 11a |
| 2.1 | 2, 10, 14, 16, 24, 25, 27 |
| 2.2 | 2, 4, 6, 7, 9, 11, 14, 15, 30 |
| 2.3 | 2, 4, 6, 11, 15, 18, 23, 30, 34 |
| 2.5 | 2, 4, *19* (*extra credit*) |

**HW 4** - Due Monday, 4/21

| | |
|---|---|
| 1.10 | 9, 10, 11 |
| 3.1 | 1, 3, 5, 7 (show your work in the cofactor expansion), 20, 22, 26, 28, 30, 34, 38 |
| 3.2 | 2, 4, 6, 21, 25, 27, 28, 39, 40 |
| 3.3 | 20, 24 |
| 2.6 | 5, 7 |
| 4.1 | 2, 6, 19, 20 |

**HW 5** - Due Monday, 4/28

| | |
|---|---|
| 2.8 | 6, 14, 22, 24 |
| 4.1 | 10, 12, 32 |
| 4.2 | 2, 4, 6, 12, 24, 25, 26, 33, 34 |
| 4.3 | 4, 6, 8, 10, 14, 16, 24, 33 |
| 4.4 | 4, 6, 8, 10, 12, 14, 22, 23, 30 |
| 4.5 | 4, 14 |

**HW 6** - Due Monday, 5/5

| | |
|---|---|
| 4.5 | 13, 21, 23 |
| 4.6 | 2, 4, 6, 12, 16, 27, 28 |
| 4.7 | 2, 6, 10 |
| 5.1 | 2, 6, 8, 12, 16, 24, 26, 29 |

**HW 7** - Due Monday, 5/12

| | |
|---|---|
| 5.2 | 4, 8, 12, 16, 18, 22, 25 |
| 5.3 | 2, 8, 14, 16, 20, 22, 24 |
| 5.4 | 2, 8, 12, 16, 17, 24 |

**HW 8** - Due Monday, 5/19

| | |
|---|---|
| Note | This set requires Mathematica. |
| 4.9 | 15, 16 |
| 5.6 | 1, 2, 7, 8, 9 |
| 5.8 | 2, 7-10, 12, 18 |
| 6.1 | 1-8, 10, 11, 14, 16, 17, 24, 26, 30 |

**HW 9** - Due Monday, 5/26

| | |
|---|---|
| 6.2 | 2, 6, 8, 10, 12, 14, 16, 20, 22, 35, 36 |
| 6.3 | 2, 6, 10, 14, 25, 26 |
| 6.4 | 4, 8, 10, 16 |
| 6.5 | 2, 6, 16 |
| 6.6 | 4, 7, 10, 12 |