

# MA 26200 - Assignment Sheet - Fall 2017

**TEXT:** *Differential Equations and Linear Algebra Package Purdue University* by Stephen Goode. ISBN: 9781269573788 Edition 1.  
 WebAssign login: [www.webassign.net/purdue/login.html](http://www.webassign.net/purdue/login.html)

The book has two types of problems in each section, numbered 1,2,... in both cases. The first set is TRUE/FALSE review; the second multiple choice questions. Below,

- WebAssign TRUE/FALSE questions are listed in parentheses;
- WebAssign multiple choice problems in usual font, in the same column as TRUE/FALSE questions;
- Handwritten problems in **BOLD** In a separate column).

| Lesson | Sections           | WebAssign Problems                                       | Handwritten Problems                         |
|--------|--------------------|----------------------------------------------------------|----------------------------------------------|
| 1      | <b>1.1 + 1.2</b>   | Page7 (4,5,9); #2,3,5 + Page19 #20,22,36                 | Page19 <b>#24</b>                            |
| 2      | <b>1.3 + 1.4</b>   | Page30 (1,3); #3,6,16,34 only                            | Page30 <b>#14</b>                            |
| 3      | <b>1.4 + 1.5</b>   | Page39 (3,7); #4,6,11,14,18,27 + Page47 (3,6); #2,6,14   | Page41 <b>#23</b>                            |
| 4      | <b>1.6 + 1.7</b>   | Page55 (2,4); #2,6,14,18,30 only                         | Page56 <b>#25</b>                            |
| 5      | <b>1.7 + 1.8</b>   | Page65 (5,6); #2,10 + Page75 (3,5,7); #12,18,26,30,38,50 | Page66 <b>#7</b> + Page 77 <b>#56,61</b>     |
| 6      | <b>1.9</b>         | Page88 (3,6,9); #4,8,11,18,24,28                         | Page89 <b>#30,31</b>                         |
| 7      | <b>1.11 + 1.12</b> | Page103 #1,4,6,10,14 + Page107 #1,42                     | Page104 <b>#16</b> + Page109 <b>#46</b>      |
| 8      | <b>2.1 + 2.2</b>   | Page118 #8,11,22 + Page130 (5,7,8); #4,8,19              | Page119 <b>#27</b> + Page132 <b>#34</b>      |
| 9      | <b>2.2 + 2.3</b>   | Page131 #16,17,27,42 + Page138 (4)                       | Page131 <b>#18</b> + Page139 <b>#11</b>      |
| 10     | <b>2.4</b>         | Page149 (4,5,6,8,9); #3,6,7,20,22,25                     | Page149 <b>#11,13</b>                        |
| 11     | <b>2.5</b>         | Page159 (2,5,6); #2,10,18,22                             | Page160 <b>#23</b>                           |
| 12     | <b>2.5 + 2.6</b>   | Page170 (2,5,6,7,9); #6,18,20                            | Page160 <b>#26,47</b> + Page171 <b>#26</b>   |
| 13     | <b>3.2</b>         | Page209 (1,2,3,5); #1,6,20,21,24,30,35                   | Page211 <b>#43,54</b>                        |
| 14     | <b>3.3</b>         | Page222 (4,5,6,7); #7,9,15,17                            | Page223 <b>#20,21</b>                        |
| 15     | <b>3.3</b>         | Page223 #22,27,36,42,45                                  | Page223 <b>#32,44</b>                        |
| 16     | <b>4.2</b>         | Page249 (2,3,6,7); #1,2,3,5,12                           | Page250 <b>#16</b>                           |
| 17     | <b>4.3</b>         | Page256 (1,2,5,7,8); #3,5,6,20,22                        | Page257 <b>#18,24</b>                        |
| 18     | <b>4.4</b>         | Page265 (1,3,8,10); #1,2,3,8                             | Page265 <b>#9,13,28</b>                      |
| 19     | <b>4.5</b>         | Page279 (1,2,3,5,8); #7,8,14,30                          | Page280 <b>#32,36</b>                        |
| 20     | <b>4.6</b>         | Page291 (4,6,7,11); #3,4,8,12                            | Page291 <b>#6,17</b>                         |
| 21     | <b>4.6 + 4.8</b>   | Page292 #19,23,28 + Page306 (4,5); #8, 10                | Page292 <b>#24</b> + Page307 <b>#12</b>      |
| 22     | <b>5.1</b>         | Page351 (2,4,5); #1,4,11,14,23(b)                        | Page353 <b>#29,30</b>                        |
| 23     | <b>5.3</b>         | Page367 (1,2,3); #1,2,3,17                               | Page368 <b>#14</b>                           |
| 24     | <b>5.6</b>         | Page397 (2,3,4,5,7,9); #5,7,9,15,28                      | Page399 <b>#31,32</b>                        |
| 25     | <b>5.7</b>         | Page406 (4,5,6); #1,3,5,7,19                             | Page407 <b>#29,33</b>                        |
| 26     | <b>6.1 + 6.2</b>   | Page458 (3,7); #1,3,5,6,9,13,31 + Page468 (2,3,4,5,8)    | Page459 <b>#32,36</b>                        |
| 27     | <b>6.2</b>         | Page468 #17,19,27,35                                     | Page459 <b>#33</b> + Page468 <b>#26,37</b>   |
| 28     | <b>6.3</b>         | Page480 (1,2,3,5,8)                                      | Page481 <b>#20,23</b>                        |
| 29     | <b>6.3</b>         | Page480 #1,3,4,17,19,21,26                               | Page481 <b>#29</b>                           |
| 30     | <b>6.5</b>         | Page494 (2,4,5,8,9); #1,2,3,4,5                          | Page481 <b>#31</b>                           |
| 31     | <b>6.7</b>         | Page512 #1,2,4,5,16                                      | Page513 <b>#30</b>                           |
| 32     | <b>6.7</b>         | Page512 #19,23,28,29                                     | Page512 <b>#21</b>                           |
| 33     | <b>6.9</b>         | Page528 #1,3,9(b),14,15                                  | Page529 <b>#6,16</b>                         |
| 34     | <b>7.1 + 7.2</b>   | Page540 (6); #1,3,9,15,17 + Page544 (2,4,5); #12         | Page540 <b>#7,19</b> + Page545 <b>#1,5,8</b> |
| 35     | <b>7.3</b>         | Page551 #1,3,4                                           | Page552 <b>#7</b>                            |
| 36     | <b>7.4</b>         | Page559 (2,3,4,5); #1,3,17                               | Page560 <b>#20,22</b>                        |
| 37     | <b>7.6</b>         | Page576 (3,4); #1,3,8                                    | Page577 <b>#10</b>                           |