

REAL ANALYSIS PROBLEM ASSIGNMENTS [MAA5616-01]**Fall, 1997**

Text: Real Analysis , Third Edition, by H. L. Royden
 Publisher: Prentice-Hall Inc. [1988]

Chapter 1:

<u>1.1</u>	<u>1.2</u>	<u>1.3</u>
04: All	06: All	09: All
05: All	07: All	10: All
		11: All
		12: All
		13: All
		16: All
		17: All
		18: All
 <u>1.4</u>	 <u>1.5</u>	 <u>1.6</u>
19: All	21: All	24: All
20: Bonus		25: All
		26: All
 <u>1.7</u>	 <u>1.8</u>	 <u>1.9</u>
None	30: Bonus	31: All
		32: All
		33: All

Chapter 2:

<u>2.1</u>	<u>2.2</u>	<u>2.3</u>
01: D	None	06: D
02: F		
03: G		
04: L		
05: M		
 <u>2.4</u>	 <u>2.5</u>	 <u>2.6</u>
07: F	24: D	40: F
08: G	25: F	41: G
09: L	26: G	42: L
10: M	27: L	43: Bonus
11: D	28: M	44: M
12: F	29: D	45: D
13: G	30: F	46: F
14: L	31: G	47: G
15: M	34: L	48: Bonus
16: D	35: M	49: L
17: F	36: D	50: M
18: G	37: Bonus	51: D
19: L	38: Bonus	
21: M	39: Bonus	
22: Bonus		

2.7

52: F
 53: Bonus
 54: Bonus

Chapter 3:3.1

01: G
 02: L
 03: M
 04: D

3.2

05: F
 06: G
 07: Bonus
 08: L

3.3

09: M
 10: D
 11: F
 12: G
 13: L
 14: Bonus

3.4

15: M
 16: D
 17: F

3.5

18: G
 19: L
 20: M
 21: D
 22: F
 23: G
 24: L
 25: M
 26: Bonus
 28: Bonus

3.6

29: D
 30: F
 31: G
 32: L

Chapter 4:4.1

01: M

4.2

02: Bonus

4.3

03: D
 04: F
 05: G
 06: L
 07: M
 08: D
 09: F

4.4

10: G
 11: Bonus
 12: L
 13: Bonus
 14: M
 15: D
 16: Bonus
 17: Bonus
 18: Bonus
 19: Bonus

4.5

20: F
 21: G
 22: L
 23: M
 24: D
 25: F

Chapter 5:5.1

01: G
 02: L
 03: M
 04: D
 05: F
 06: G

5.2

07: L
 08: M
 09: D
 10: Bonus
 11: F

5.3

None

5.4

12: Bonus
 13: G
 14: L
 15: Bonus
 16: Bonus
 17: Bonus
 18: M
 19: Bonus
 20: D
 21: F
 22: Bonus

5.5

23: G
 24: L
 25: M
 26: Bonus
 27: D
 28: F

Chapter 6:6.1

01: G
 02: L
 03: M
 04: D

6.2

05: F
 06: G
 07: L
 08: M

6.3

09: D
 10: F
 11: G
 12: L
 13: M
 14: D
 15: F
 16: G
 17: L
 18: M

6.4

19: D
 20: F

6.5

21: G
 22: Bonus
 23: Bonus
 24: L,M

Format for Written Solutions:

(1) Solutions to problems must be written in blue or black indelible ink on one side of three ring notebook paper no more densely than every other line. (You will want to keep your work in a three ring binder.)

(2) Each solution should begin with the re-statement of the problem. (Correct use of notation and grammar is essential.)

(3) Each page must be labeled with your full name, and

appropriately placed, the section number and the problem number(s) appearing on the page.

(4) When problem sets are submitted for examination, problem solutions from the section(s) of interest should be stapled in the upper left hand corner.

Problem assignments:

D: Dominguez, Alberto Luis

D: Dominguez, Alvio

F: Ferrier, Jeanne M.

G: Gil, Carlos I.

L: Liu, Liang

M: Machado, Jose A.

F: Pasteris, Juan S.

F: Zhang, Jinbing