Assignments for Math 220H
Professor George Andrews

Pages	Problems	Date Due
11-13	4, 6, 10, 11, 14, 16, 17, 25	09.04
25-26	1a, 1d, 2b, 4, 11, 14, 17, 23, 31	09.06
37-39	5, 7, 10, 14, 18, 24, 30	09.11
47-49	14, 16, 18, 20, 21, 25, 28, 29, 30	09.13
55-56	2, 3, 11, 16, 18, 19, 24	09.18
71	5, 8, 14, 15, 19, 21, 27, 28	09.20
80-81	4, 9, 24, 31, 33, 38	09.25
90-91	2, 11, 15, 20, 23, 27	09.27
116-117	2, 3, 9, 17, 39 modified	10.02
126	2, 5, 9, 29, 32, 34	10.04
132	7, 8, 11, 13, 15	10.14

ENRICHMENT ASSIGNMENT #1   10.30
    In Theorem 8 (page (129), the argument given in the book appears to be
deficient in proving both "(b) implies (a)" and "(g) implies (a)." In each
case, we are only assured that a left inverse of A exists, Complete the proof
of these two assertions by showing that the right inverse must exist as well.
You may use any resources available to you.

NO CLASSES NEXT WEEK (i.e. no class on Oct. 9 and Oct. 11)

MAKE-UP CLASS (= review for mid-term) on SUNDAY, Oct. 14, 3:30 p.m.
                    in 104 OSMOND BUILDING

MID-TERM EXAM at 6:30 p.m. on Monday Oct. 15 in 205 S Henderson-S.
(The mid-term will cover the material in the syllabus up through Section 2.3)

173-174	5, 11, 17, 18, 21, 24, 28	10.25
180-182	4, 10, 11, 14, 17, 19	10.30
190-191	6, 10, 12, 21, 28	11.01
199-200	6, 10, 12, 15, 18, 23	11.06

ENRICHMENT ASSIGNMENT #2

182	27, 28	11.13

209	4, 5, 6	11.08
308	2, 5, 6, 8	11.08
317-318	2, 8, 10, 13, 17, 19, 23	11.13

ENRICHMENT ASSIGNMENT #3
Read portion of Section 5.2 on Dynamical Systems and then do problems 25 and 27 on
page 318   Due 11.27

325-326	2, 6, 12, 16, 18	11.15
341	4, 8, 9, 16, 23	11.27
382	6, 10, 13, 16, 17, 18, 19, 30, 31	11.29
392	4, 5, 8, 10, 12, 13	12.04

ENRICHMENT ASSIGNMENT #4
This assignment will be handed out in class on 11.27. It is due on December 13.

400-401	2, 4, 9, 14, 17, 22	12.06
407-408	3, 7, 10, 13	12.11
416-417	4, 5, 8, 10, 16	12.13