

Homework 1 MAP 2302/3305 Fall 2009

Solutions will be posted on Monday, 9/7/08

Problem 1.1

1.1.a

Textbook, p. 24, Problem 1

1.1.b

Textbook, p. 24, Problem 2

1.1.c

Textbook, p. 24, Problem 3

1.1.d

Textbook, p. 24, Problem 4

1.1.e

Textbook, p. 24, Problem 5

1.1.f

Textbook, p. 24, Problem 6

Problem 1.2

1.2.a

Textbook, p. 25, Problem 7

1.2.b

Textbook, p. 25, Problem 12

1.2.c

Textbook, p. 25, Problem 13

1.2.d

Textbook, p. 25, Problem 14

Problem 1.3

1.3.a

Textbook, p. 25, Problem 17

1.3.b

Textbook, p. 25, Problem 18

1.3.c

Textbook, p. 25, Problem 19

1.3.d

Textbook, p. 25, Problem 20

Problem 1.4

1.4.a

Textbook, p. 39, Problem 13

1.4.b

Textbook, p. 39, Problem 15

1.4.c

Textbook, p. 39, Problem 16

Problem 1.5

In these problems you need not draw the direction field of part (a). Do parts (b) and (c) for each problem.

1.5.a

Textbook, p. 40, Problem 24

1.5.b

Textbook, p. 40, Problem 25

1.5.c

Textbook, p. 40, Problem 26