

Exercises Math 373

Book: Introduction to topology by Jawaher Al-Mufarrij.

Chapter 2:

2.1: 1(a-f, h, k, m), 2, 4, 5, 6, 11, 13(a,b), 14,15(c, e, h).

2.2: 1-4, 6, 8, 9.

2.3: 1, 2, 3, 8, 12.

2.4: 1(a, c, d, f, g), 2, 5, 21(a, c, d).

2.5: 1, 3, 5, 6, 7, 8, 9, 16(a, b).

2.6: 1-5, 6(a, b, c), 7(b, c), 13(a, d).

Chapter 3:

3.1: 1, 2, 4, 8, 11, 13.

3.2: 1-3, 5, 6, 8, 9, 11, 12, 15.

3.3: 1, 2, 4, 5, 18(a, d).

Chapter 4:

4.2: 1, 3, 4, 5, 8, 11.

Chapter 5:

5.1: 1(a, b, g, i), 3, 4(b), 5, 7, 8.

5.2: 1,3, 5, 19(a, b, c).

5.3: 1(a, c, f), 3, 6, 13(b, d, e).

5.4: 1, 2, 4.

Chapter 6:

6.1: 2, 3, 6, 7(a, b, c), 16(a, b, d, e, h).

6.2: 2, 3, 7.