Introduction to Topology (640:441)
Assignment 4

Important: Be sure to read and follow the homework requirements given on the course webpage.

Problems to be handed in.
(1) Section 5: Problem 4 (c), (d), (f)
(2) Section 5: problem 5 (a),(b),(c),(d) In each case, if the set is a product, write an expression for the set as a product. If the set is not a product set, prove it.
(3) Section 13: problem 4(a)
(4) Section 13: problem 4(b)(c)

Additional recommended problems NOT to be handed in.
• Section 5: problem 3 (f)
• Section 7: problem 5
• Section 13, problem 4
• Section 13, problem 7
• Section 13, problem 8

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