Problem 1
  Problem 14.6 in Cover and Thomas (first edition), or 15.6 in Cover and Thomas (second edition)

Problem 2
  Problem 14.7 in Cover and Thomas (first edition), or 15.7 in Cover and Thomas (second edition)

Problem 3
  Problem 14.10 in Cover and Thomas (first edition), or 15.10 in Cover and Thomas (second edition)

Problem 4
  Problem 14.13 in Cover and Thomas (first edition), or 15.13 in Cover and Thomas (second edition)