

HOMEWORK ASSIGNMENT #4**Due Wed. May 5, 2004** (in class)

1. Poor, III.14. *Hint:* $(I + A\underline{s}s^t)^{-1}$ is easily inverted using the matrix inversion lemma.
2. Poor, III.17.
3. Poor, III.20.
4. Poor, III.21. Use equation (III.C.18) for P_e , and recall Example II.B.1.