

Fall, 2009

MATH 3500(H)
PROBLEM SET #11

T. Shifrin

DUE Wednesday, November 4, 2009.

Problems to work but not hand in:

§4.3: #23.

§4.4: #4a, 5b,c,e, 8.

Problems to turn in:

WeBWork Homework 11 (due Sunday, November 1, 11 pm)

§4.3: #21 (4).

A. (2) Let A be an $n \times n$ matrix. Prove that A is nonsingular if and only if A^T is nonsingular.

§4.4: #5a,d,f,g (4), 6 (3), 12 (4), 13 (4), 14 (2).

Challenge problems (Turn in separately):

§4.3: #24 (3).

§4.4: #17 (3), 18 (5).