

This Week in SM311P:1001: Homework, etc.

Homework must be submitted stapled in assignment groupings.

Always attempt to complete the readings before class. You are responsible for reading 10 pages past the current lecture. You may not understand the material completely, but you must read it prior to lecture.

** Problems to submit on the date listed: **

Week of 29 Sep

Monday

Boas page 124-126 CHp 3 sec 6 #2, #4, #13
for #2 Find AB, BA, A+B, 5A, 3B and 5 A - 3 B ONLY
for #4 work with ABm BA, AA and BB only
plus find the transpose of each matrix
plus the two exercises suggested in class.

Wednesday:

MD5, MD6, MD7
SUBMIT: VS2, VS3, VS4

Friday:

MD2, MD3, MD4

TERMS & PRINCIPLES TO TREASURE:

matrix
transpose
cofactor
Cramer's Rule
Hermitian conjugate
permutation symbol
inverse

MD: Introduction to Matrices and Determinants

VS: => Vector Spaces Handout Problem