

Notes on Exam 3, Math 544, Spring , 2011

1. Exam 3 is Thursday, March 24. It covers sections 1.9, 3.2, 3.3, 3.4, and 3.5.
2. Be able to define “null space”, “span”, “column space”, “subspace of \mathbb{R}^n ”, “dimension”, “basis”.
3. The material on the old exams which is covered on your exam 3:
 - (z) Exam 1's:
 - 01: 8,
 - (a) Exam 2's:
 - 97: 3, 4, 5, 6, 7, 8, 9, 10.
 - 98: 3, 7, 8, 9, 10.
 - 02: 6.
 - 03: 5, 6, 7, 8
 - 04: 9, 10.
 - Summer 05: 7.
 - Fall 05: 3, 4, 5, 6, 9, 10.
 - Summer 06: 1, 3, 4, 6, 7, 8, 9.
 - Fall 06: 1, 3, 4, 5, 7, 9.
 - Summer 07: 1, 2, 3, 7.
 - Fall 09: 1, 2, 3, 4, 6, 7.
 - 2011: 4, 5, 6, 8,
 - (b) Exam 3's:
 - 97: 1, 3, 4, 5, 6, 7, 8.
 - 98: 1, 2, 3, 4, 5, 8, 9,
 - 01: 8, 9.
 - 02: 1, 2, 3, 7, 8, 9, 10.
 - Spring 03: 1, 2, 3, 6, 7, 8, 9.
 - Summer 03: 1, 2, 3, 4, 5, 6, 7, 8, 9.
 - 04: 1, 2, 3, 4, 7, 8, 9.
 - Summer 05: 1, 2, 3, 4, 5, 6, 7.
 - Fall 05: 1, 4, 5, 6, 7, 8, 9, 10.
 - Fall 06: 2, 3, 4, 5, 6, 7.
 - Summer 07: 3, 4, 5, 6.
 - (c) Exam 4's:
 - 98: 2, 5, 7.
 - 01: 1, 2, 3, 4, 5, 8, 9, 10.
 - 02: 2,9.
 - Spring 03: 8.
 - Summer 03: 1, 2, 5, 6.
 - Summer 05: 1, 2,
 - Fall 06: 2, 9.

(d) Final Exams:

97: 1, 3, 4, 6, 7, 8 .

98: 1, 2, 7, 14, 17.

01: 1, 2, 7, 8, 9, 10abcd, 13.

02: 8, 11.

Spring 03: 12, 18.

Summer 03: 1, 2, 17defgh.

04: 1cdefg, 6, 12, 13, 14.

Summer 05: 1, 2.

Fall 05: 1cdefg, 2, 3, 7, 14, 15, 16.

Summer 06: 1, 3defgh, 6, 7, 8, 12.

Fall 06: 2, 3, 6bcdef, 11.

Summer 07: 1, 4.

Fall 09: 3, 4, 6, 7, 10, 11, 15.