Math 325 Final Review

Some information on the final:

- Time and location: 14:00-16:00, Thursday, April 27, 2017, CAB 239
- Sections covered by the final: Lecture Notes: Chap. 1-6
- Some problems are chosen from homework (HW 1-10).

A list of topics covered by the final:

- Basics on Vector Space and Subspace
- Basics on Linear Transformation
- Rank Theorem
- Matrix Representation of Linear Transformation
- Characteristic Polynomial, Eigenvalue, Eigenspace, Similarity, Matrix Polynomial
- Diagonalization
- Minimal Polynomial
- Cayley-Hamilton Theorem
- Jordan Canonical Form
- Application of Jordan Canonical Form and Cayley-Hamilton Theorem