Contents of Jordan Form binder: 1.7.05

Front: Overview

1. The N-space drawing and notes on same, relates to page 65 of Matthews notes.

2. **"PhL on Jordan form"** -- some summary notes on J and C matrix, various details.

3. **" EE263 Notes"** (and download pages) on Jordan Form (Boyd, Stanford).

4. Notes on **how to compute** a Jordan form, + download (in Mathematica).

5. **"Tom Leinster Notes"** (and download pages) on Jordan Form.

6. **"PlanetMath proof of Jordan form"** notes and download pages.

7. **Matthews Lectures,** PDF list, index and then **my NOTES** on all these lectures.

8. Matthews **Chapter 1:** Linear Transformations

9. Matthews **Chapter 2:** Polynomials over a Field, min polys, Companion, direct sums, Galois

10. Matthews **Chapter 3:** Invariant Subspaces (T invariant, T cyclic, finding the min poly, PDT)

11. Matthews **Chapter 4:** The Jordan Form, dot diagram, examples, Markov, real Jordan form.