

MATH 22AL

LAB # 6

1 Notes:

1. Green typewriter text represents comments you must type. Each comment is worth one point.
2. Blue typewriter text represents commands you must type. Each command is worth one point. MATLAB is case-sensitive, so commands are case-sensitive as well.
3. Beware of typos! Also, do not copy and paste commands. Invisible Special characters are sometimes used (e.g. the left quote character) which MATLAB does not like.

2 Objectives

In this LAB you will explore the following topics using MATLAB.

- Investigate properties of the null space of a matrix.
- Learn how to find a basis for null-space of a matrix.
- Investigate properties of the column space of a matrix.
- Learn how to find a basis for column space of a matrix.
- Investigate properties of the row space of a matrix.
- Learn how to find a basis for row space of a matrix.