

# MATH 226

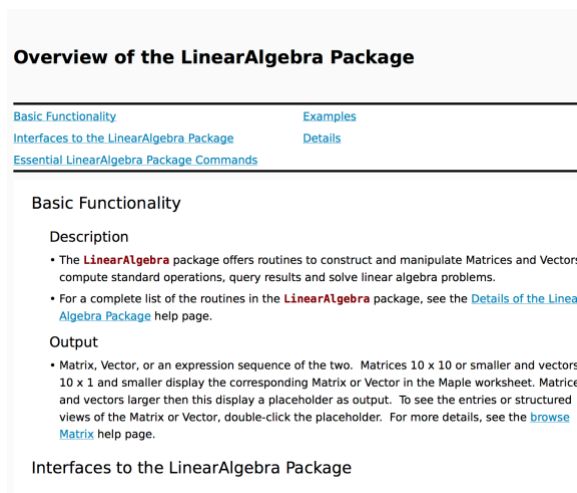
## Differential Equations

### Assignment 7

Due Friday, March 11

**Read** Section 3.2: “Systems of Two First Order Linear Differential Equations” and explore the tools *Maple* provides to carry out various Linear Algebra calculations by looking at an *Overview of the LinearAlgebra Package* which is available at

<https://www.maplesoft.com/support/help/Maple/view.aspx?path=LinearAlgebra>



The screenshot shows the 'Overview of the LinearAlgebra Package' page. It features a navigation menu with links for 'Basic Functionality', 'Examples', 'Interfaces to the LinearAlgebra Package', and 'Details'. The 'Basic Functionality' section is expanded, showing a 'Description' and an 'Output' section. The description states that the LinearAlgebra package offers routines for constructing and manipulating matrices and vectors, and provides a link to the 'Details of the Linear Algebra Package' help page. The output section explains that matrices and vectors are displayed in the Maple worksheet, with a placeholder for larger matrices and a link to the 'Matrix' help page. Below the 'Basic Functionality' section, the 'Interfaces to the LinearAlgebra Package' section is partially visible.

## Project One

Complete and submit your work on Project One, including self and group assessments.