Contents

Glossary

diagonal matrix

    matrix whose only non-zero entries are along the leading diagonal. *2.0*, 2.1

identity matrix

    diagonal matrix with 1s along the leading diagonal. **2.1**, 3.0

singular matrix

    matrix with zero determinant. 3.0

Chapter 1

Introduction

This is a sample document illustrating the use of the **glossaries** package.

Chapter 2

Diagonal matrices

A diagonal matrix is a matrix where all elements not on the leading diagonal are zero. This is the primary definition, so an italic font is used for the page number.

2.1   Identity matrix

The identity matrix is a diagonal matrix whose leading diagonal elements are all equal to 1.

Here is another entry for a diagonal matrix. And this is the plural: identity matrices.

This adds an entry into the glossary with a bold number, but it doesn't create a hyperlink: identity matrix.

Chapter 3

Singular Matrices

A singular matrix is a matrix with zero determinant. Singular matrices are non-invertible. Possessive: a singular matrix's dimensions are not necessarily equal.

Another identity matrix entry.