

# SYNAPS ERSION

October 30, 2006

# Contents

## **Chapter 1**

# **The Design of the library**

## **Chapter 2**

# **Arithmetic**

## Chapter 3

# Linear Algebra

Vectors   Matrices

## Chapter 4

# Polynomials

Multivariate polynomials

## **Chapter 5**

# **Solvers**

## **Chapter 6**

# **Utilities**

\*