## Semidefinite Optimization and Relaxation

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### Preface

This is the textbook for Harvard ES/AM 2XX: Semidefinite Optimization and Relaxation. Information about the offerings of the class is listed below.

#### 2024 Spring

 $\mathbf{Time} \colon \mathrm{TBD}$ 

Location: Science and Engineering Complex, Room TBD

Instructor: Heng YangTeaching Fellow: TBD

Syllabus

 ${\bf Acknowledgment}$ 

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### Chapter 1

# Semidefinite Programming

1.1 Standard Form