

# Semidefinite Optimization and Relaxation

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# Preface

This is the textbook for Harvard ENG-SCI 257: Semidefinite Optimization and Relaxation. Information about the offerings of the class is listed below.

**2024 Spring**

**Time:** Mon/Wed 2:15 - 3:30pm

**Location:** Science and Engineering Complex, Room TBD

**Instructor:** Heng Yang

**Teaching Fellow:** TBD

**Syllabus**

**Acknowledgment**



## Chapter 1

# Semidefinite Programming

### 1.1 Standard Form