



Introduction

• Conventional algorithms are bad at handling large datasets

• Don't utilize sparsity

• Arbitrary efficient access



• **My work: Efficient approximation algorithms for linear algebra problems when inputs are large**

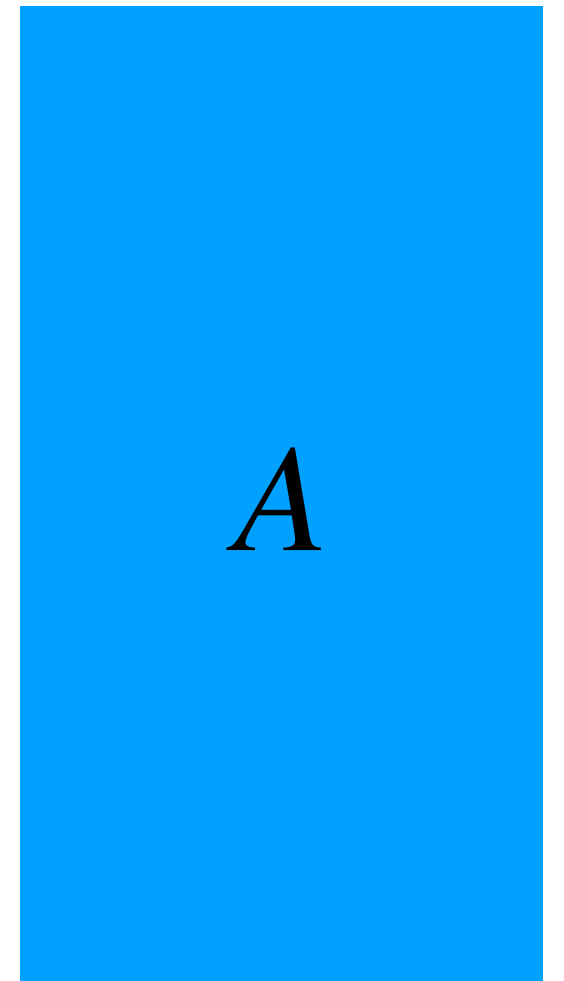




A

# Introduction

- Conventional algorithms are bad at handling large datasets
  - Do not utilize sparsity
  - Assume arbitrary efficient access
- My work: **Efficient approximation algorithms for linear algebra problems when inputs are large**



# Sketching