

Introduction

• Conventional algorithms are bad at handling large datasets

• Don't utilize sparsity

• Arbitrary efficient access

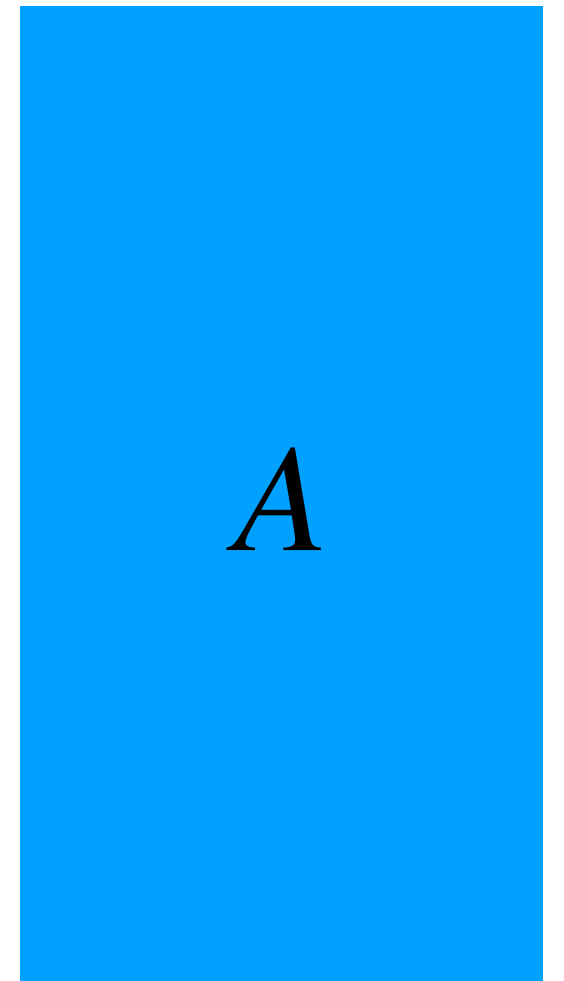
• **My work: Efficient approximation algorithms for linear algebra problems when inputs are large**



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