

Title

Your Name

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Abstract

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List of Symbols

\mathbb{R}	Real number
\mathbb{C}	Complex number
δ_{ij}	Kronecker delta
I	Identity matrix
\mathcal{H}	Hilbert space
\mathcal{O}	Big-O notation
$i, j, k, l; p, q, r, s$	Indices

Glossary and Abbreviations

ML	Machine Learning
TN	Tensor Network
MPS	Matrix Product State
SPSA	Simultaneous Perturbation Stochastic Approximation
RKHS	Reproducing Kernel Hilbert Space
SVM	Support Vector Machine
SGD	Stochastic Gradient Descent

Chapter 1

Introduction

Chapter 2

asdf

Appendix A

Asdf

A.1 Asdf