

Erratum in Chapter 1. Introduction

No typo found so far!

Erratum in Chapter 2. Chebyshev Acceleration

Erratum on Chebyshev Acceleration

Introduction

Optimal Methods and Minimax Polynomials

This is a test:

The Cauchy-Schwarz Inequality

This is the C-S inequality for two vectors $a, b \in \mathbb{R}^n$:

$$\left(\sum_{k=1}^n a_k b_k \right)^2 \leq \left(\sum_{k=1}^n a_k^2 \right) \left(\sum_{k=1}^n b_k^2 \right)$$

The Chebyshev Method

Notes and References

Erratum in Chapter 3. Nonlinear Acceleration

No typo found so far!

Erratum in Chapter 4. Nesterov Acceleration

No typo found so far!

Erratum in Chapter 5. Proximal Acceleration and Catalyst

No typo found so far!

Erratum in Appendix A. Useful Inequalities

No typo found so far!

Erratum in Appendix B. Variations on Nesterov Acceleration

No typo found so far!

Erratum in Appendix C. On Worst-case Analyses for First-order Methods

No typo found so far!

Erratum in Acknowledgements

No typo found so far!

Erratum in References

No typo found so far!