

Thesis Changes Log

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PhD Program: Computational and Data Science and Engineering

Title of Thesis: Fast Numerical Linear Algebra Methods for Machine Learning

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The thesis document includes the following changes in answer to the external review process.

1. Added list of individual contributions in the publication list.
2. Added list of acronyms/abbreviations.
3. Fixed typos and missing symbols in equations, confusing statements in Chapters 2 (Definition 2) and 5 (covariance error).
4. Added connecting sentences for sections in Chapter 2.
5. FID and KID replaced with FD and KD where Inception representations are not used.
6. Added pseudo-code in Chapter 2.
7. Fixed Algorithm in Chapter 3.
8. Added pages in the publication list where applicable.
9. Added a short discussion on GPU implementation of the proposed methods, which should be straightforward given libraries like JAX.