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Forschungspraxis

Decoding of Crisscross Errors

Crisscross errors are an error model that considers row and column wise corruption of data stored in arrays. While optimal coding schemes using Reed-Solomon Codes exist [1], recovery from errors requires extensive read operations and computations. The goals of this work are improving the decoder and finding new constructions and decoding techniques to make these codes more viable for real life systems.

[1] http://ieeexplore.ieee.org/document/6875030/

Advisors

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