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Type: **Invited Speaker** / **Conférencier(ère) invité(e)**

(I) Sparse-rank factorization methods in quantum physics

Wednesday 21 June 2023 13:45 (30 minutes)

Lanczos-based algorithms have been demonstrated to play a pivotal role in quantum computing and classical methods. I review the development of these methods for a variety of physical systems and new implementations. I also review new use cases of these algorithms.

Keyword-1

Quantum computing

Keyword-2

Lanczos methods

Keyword-3

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