

THE SEARCH FOR NEUTRINOLESS DOUBLE-BETA DECAY: EXPERIMENTAL AND THEORETICAL CHALLENGES

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MAIN TOPICS

- Many-body methods for $0\nu\beta\beta$ decay NME
- $0\nu\beta\beta$ decay transition operators from EFT
- Experimental observables for the validation of theoretical methods
- Present status of $0\nu\beta\beta$ experiments and technologies
- Multi-ton $0\nu\beta\beta$ experiments: challenges and opportunities

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