24th Australian Institute of Physics Congress



Contribution ID: 315

Type: Talk (preferred)

Machine learning optimised stirring of persistent currents in BECs

Monday 12 December 2022 15:00 (15 minutes)

We apply machine learning methods to control and optimise the stirring protocol imposed on Rubidium-87 Bose-Einstein condensates in experiment. The optimisation allows for controlled generation of various persistent current states albeit with no universal optimum stirring parameters.

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Session Classification: AIP: Atomic and Molecular Physics

Track Classification: AIP Congress: AIP: Atomic and Molecular Physics