24th Australian Institute of Physics Congress



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Type: Invited talk

Entropy, and topological phase analysis in quantum simulations of the early universe with finite temperature effects

Monday 12 December 2022 11:00 (30 minutes)

We present a numerical model of an early universe analog using a Bose-Einstein condensate, including temperature effects and topological properties. This may provide an insight into the particle-antiparticle asymmetry seen in our universe.

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