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Condensate of μ-Bose gas as a model of dark matter

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Highlights

- Bose-condensate models of dark matter, though popular, have some difficulties
- We explore μ-deformed Bose gas model and propose it for modeling dark matter
- Usage of μ-Bose gas model implies effective account of interaction between bosons
- Thermodynamic geometry of μ-Bose gas confirms existence of Bose-like condensate
- The virtues of μ-Bose gas model enable its use for effective modeling of dark matter

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