Review of: "Einstein-AdS gravity coupled to nonlinear electrodynamics, magnetic black holes, thermodynamics in an extended phase space and Joule—Thomson expansion"

Kai Lin

Potential competing interests: No potential competing interests to declare.

This paper presents a systematic analysis of Einstein's gravity with non-linear electrodynamics and black holes in Anti-de Sitter spacetime, involving calculations of metrics, mass functions, and investigations into related thermodynamics and phase transitions. By analyzing the stability and thermodynamic properties of black holes in detail, it sheds light on the behavior and properties of black holes in gravitational fields. This study is meaningful to the advancement of black hole physics and cosmology. So I recommend it to be accepted.