

Peer Review

Review of: "Fermionic Casimir Effect at Finite Temperature in Hořava–Lifshitz Theories"

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The manuscript investigates the Casimir effect at finite temperature in Hořava–Lifshitz theories, considering a spinor field subject to a Bag boundary condition in this Lorentz-violating spacetime. The study is well-conducted and well-written, with a few minor issues and one major concern that need to be addressed.

The major issue concerns the approximation in which the parameter s is assumed to be very small, allowing the author to expand the results in both the low- and high-temperature limits. The author should clarify the validity of this approximation.

Regarding the minor points:

The name "Hořava" appears inconsistently, sometimes with and sometimes without an accent on the letter "r". The notation should be uniform throughout the manuscript. Moreover, on page 2, in the first paragraph, "the authors undertake" should be corrected to "the authors undertook". Additionally, quotation marks should be formatted as ``xxx''.

Declarations

Potential competing interests: No potential competing interests to declare.