

Peer Review

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

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This is an interesting work, in which the author computes the thermal correction to the Casimir force by considering a Lorentz-violating fermionic action. By using zeta function regularization, the author computes the functional determinant for the corresponding operator, and the author claims that for certain odd values of the critical exponent, the Casimir force is repulsive. While the calculations seem correct, I would request the author to comment briefly on the physical reasons as to why only for certain odd values of the exponent is the force repulsive and not for all odd values.

Declarations

Potential competing interests: No potential competing interests to declare.