

Erratum: Traversable wormhole
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In proving inequality (49) for $m \in (m_{**}, m_{***})$ (see the paragraph around Eq. (50)) an error is made: the term $E(w^2 - \lambda)$ in fact cannot be neglected. This error invalidates the whole proof and thus the main result of the paper. So, at the moment one has to admit that there is no evidence that a *static* [1] macroscopic wormhole can exist without some matter more exotic than the quantized electromagnetic or scalar fields.

[1] For traversable, but *non*-static wormholes such evidence does exist, see S. Krasnikov Phys. Rev. D **73**, 084006 (2006).