

## Review of: "Can electromagnetic fields form tensors in a polarizable medium?"

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Potential competing interests: No potential competing interests to declare.

As in the previous version, the author does not carry out any dimensional analysis of the equations. Constants are treated as pure numbers.

Note that the dimension of [E]/[B] is a velocity v (the one inside the medium), though this is is not underlined (v=1 is 1 meter per second!)

For example, hypothesis (19), after replacing B with B/mu, leads us to have that the new vector potential is A/mu (because of the change of dimensionality), with the consequence of modifying all the other quantities involved. The same holds for j and rho.

The final equations are just a scaling of the originals. This passage is trivially admitted in the framework of general relativity.

Note also that the proposed transformation is equivalent to a change of variables at constant velocity rate, which has nothing to do with a Lorentz transformation.

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