

Review of: "Representations and Implications of Papers Written by E.T. Whittaker in 1903 and 1904"

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Within theoretical physics, it is always very interesting to review all those publications that were not allowed sufficient dissemination, for whatever reasons. I think that Titleman's work is good, although it is a review of Whittaker's work. It would be convenient for the author to develop a more in-depth study of Whittaker's work, focused on solving a particular problem. I like the approach given to potentials as fundamental quantities, in fact, in the paper entitled "Gauge invariance of gravitodynamical potentials in the Jefimenko's generalized theory of gravitation" we establish that gravitational potentials are more fundamental quantities than the fields themselves. In that paper, we also discuss the possibility of a gravitational Aharon-Bohm effect, which, due to the very weak interaction of the gravitational field, it may be very difficult to reproduce this gravitational effect.

In my personal opinion, I think it is very interesting to investigate in depth those articles that, as I mentioned at the beginning, did not receive enough diffusion by the scientific community, not as mere mathematical exercises, but to understand how nature works, we should not be satisfied with the fact that past generations have rejected the works, because it is enriching to know the way in which others perceived the same phenomena, studied from different approaches.

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