

The magnetized photon: properties and astrophysical applications

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We study the properties of photon propagation both in QED vacuum and medium, taking into account radiative corrections, in an external magnetic field. We explore possible applications of the results in an astrophysical context.

Author: RODRIGUEZ QUERTS, Elizabeth (Instituto de Cibernética, Matemática y Física –ICIMAF)

Presenter: RODRIGUEZ QUERTS, Elizabeth (Instituto de Cibernética, Matemática y Física –ICIMAF)

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