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Axion Photon Scalar QED analogy, photon and axion spitting in strong magnetic fields

Thursday 14 May 2015 11:00 (30 minutes)

A Scalar QED analogy is possible for the photon axion system that allows to describe axion photon spitting in strong magnetic fields. Results from these analysis have been used recently to claim evidence for axion like particles from the sun. Also possible photon splitting effects could appear in pulsars, we will review this subject

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