

# Properties of chiral magnetohydrodynamics

*Wednesday 9 August 2017 10:00 (30 minutes)*

The chiral magnetic effect (CME) is a macroscopic manifestation of the quantum anomaly. We will discuss the recent progress in theoretical understanding the nature of chiral plasmas, in which the CME and other anomaly-induced transports take place. We show that a nontrivial interplay of anomalous currents and dynamical electromagnetic fields leads to the modification of the properties of waves in such plasmas.

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