

Chiral and spin effects in global equilibrium by quantum kinetic theory

Sunday, 26 October 2025 11:00 (20 minutes)

In this talk, we demonstrate how quantum kinetic theory governs chiral and spin effects in global equilibrium. By extending the framework from constant to varying electromagnetic fields, we show that previously undetermined chiral and spin effects induced by vorticity and electromagnetic fields can now be further pinned down.

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