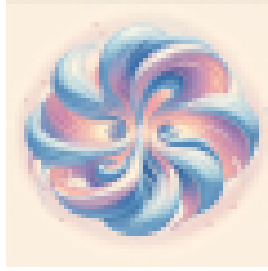


The 8th International Conference on Chirality, Vorticity and Magnetic Field  
in Quantum Matter



ID de Contribution: 27

Type: **Talk**

## Conductivities of CME, CSE and QHE as topological invariants

*mardi 23 juillet 2024 15:30 (30 minutes)*

We recent results of our group on quantum Hall effect, Chiral Magnetic effect, and Chiral separation effect. Using Wigner - Weyl calculus the corresponding conductivities are calculated and represented in the form of topological invariants. Effects of interactions, inhomogeneity, and deviations from equilibrium are considered.

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**Classification de Session:** Chiral Magnetic Effect