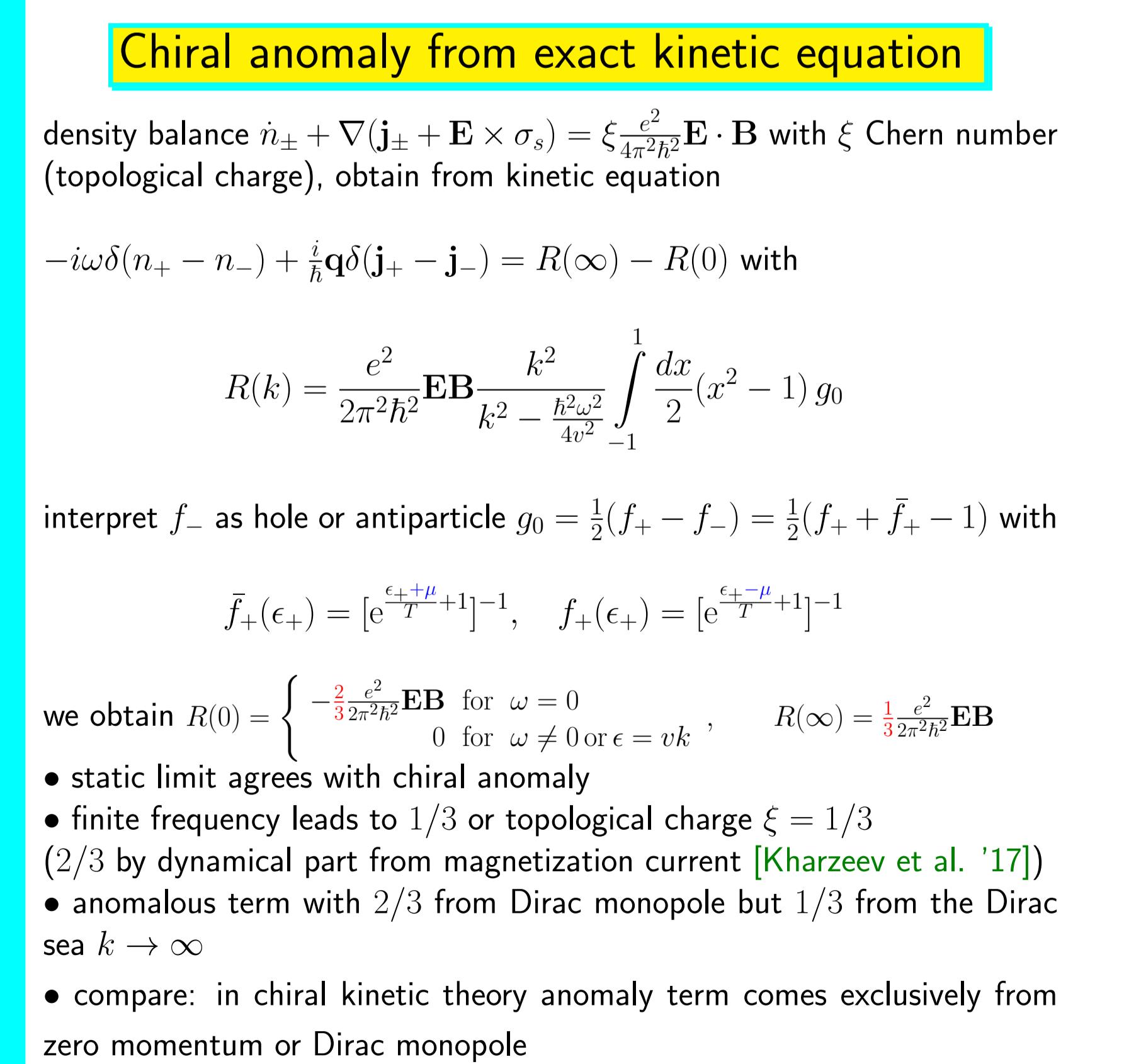
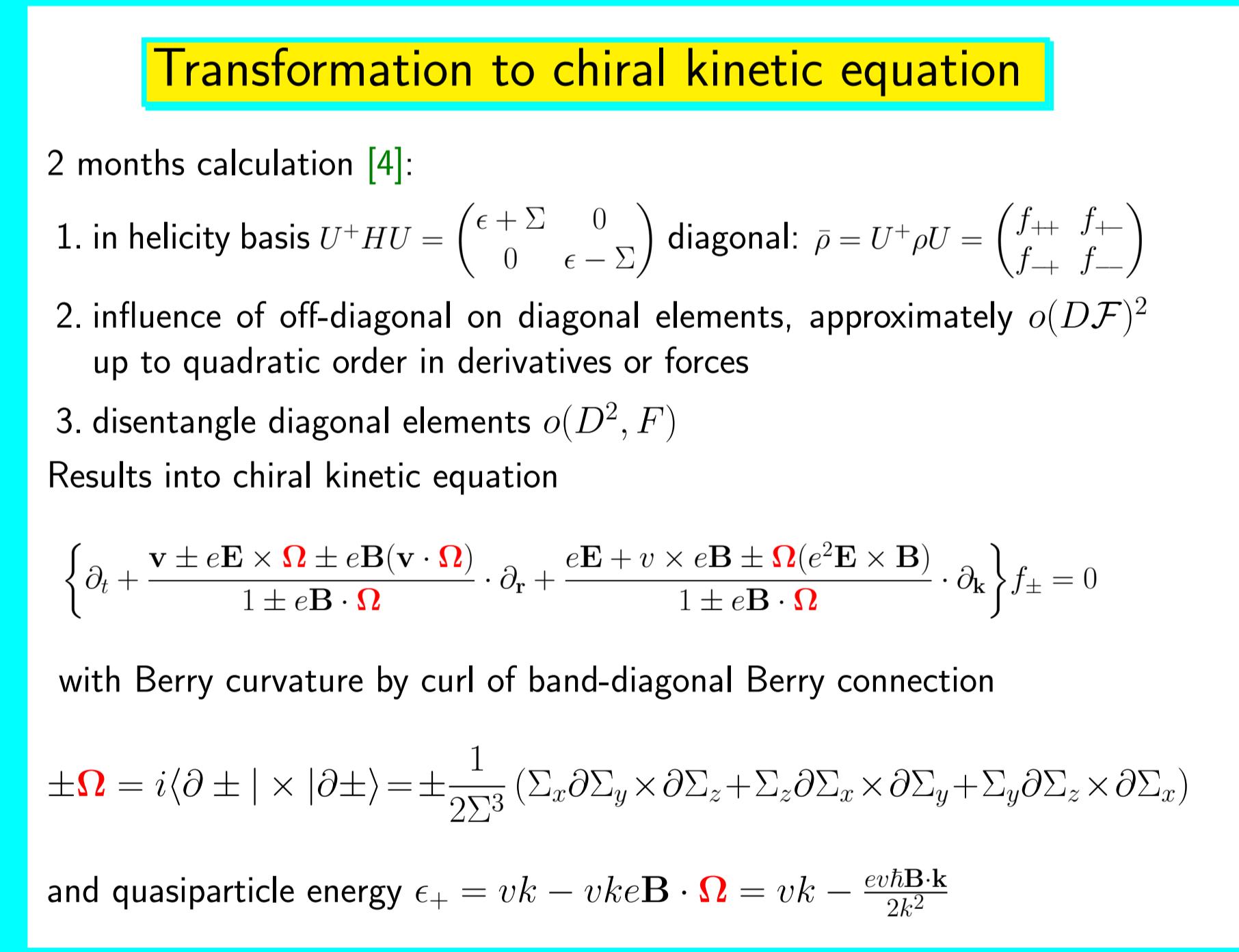
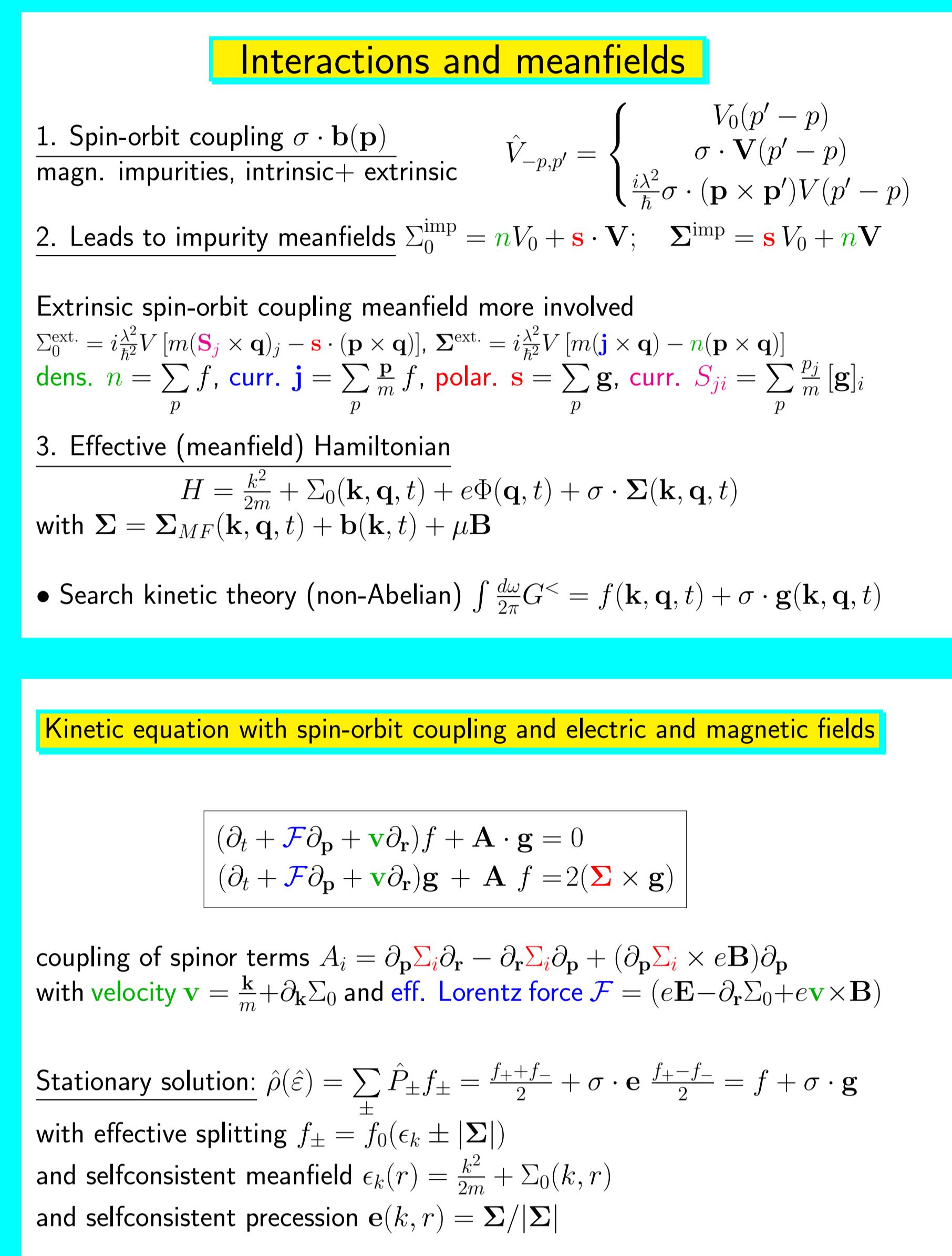
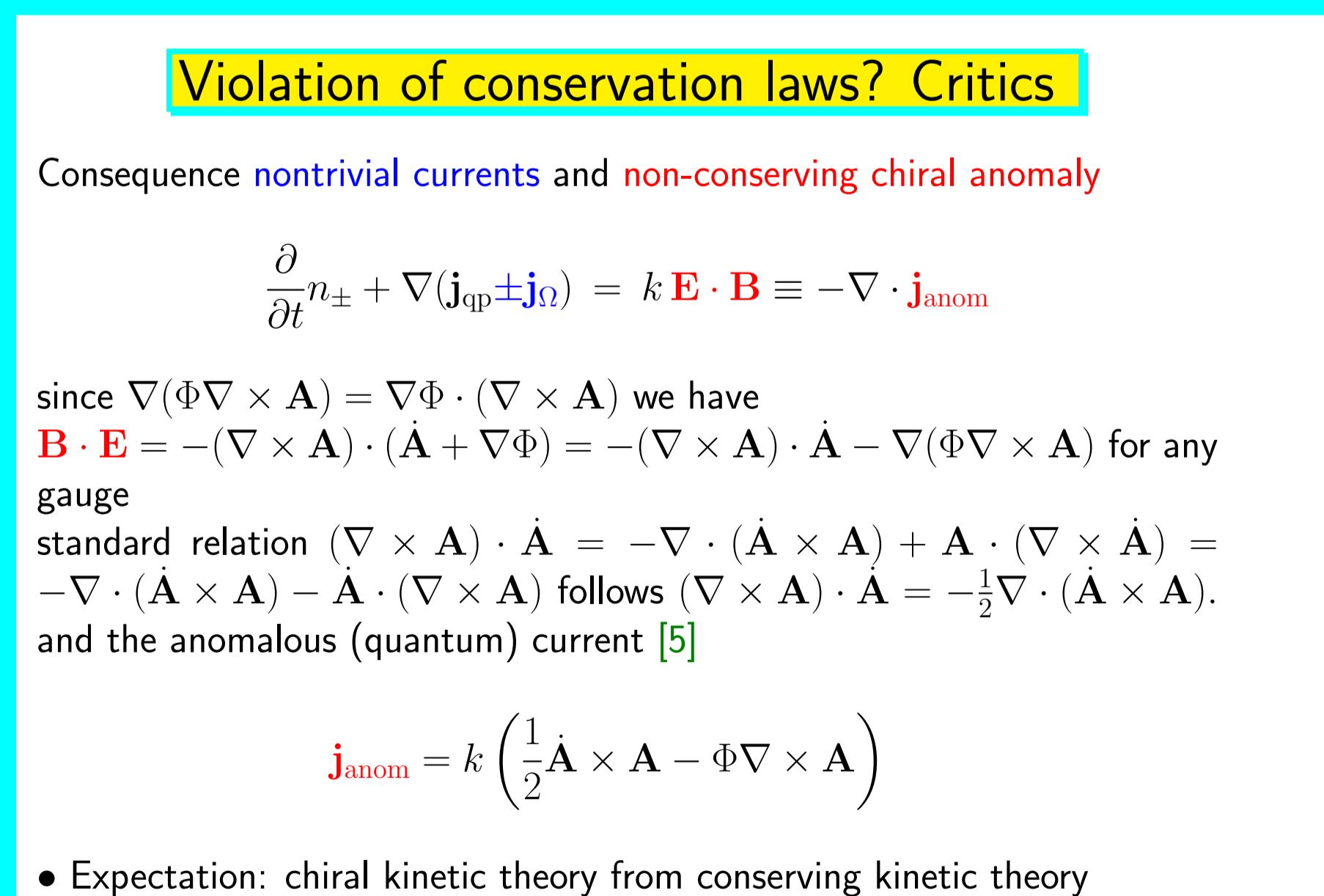
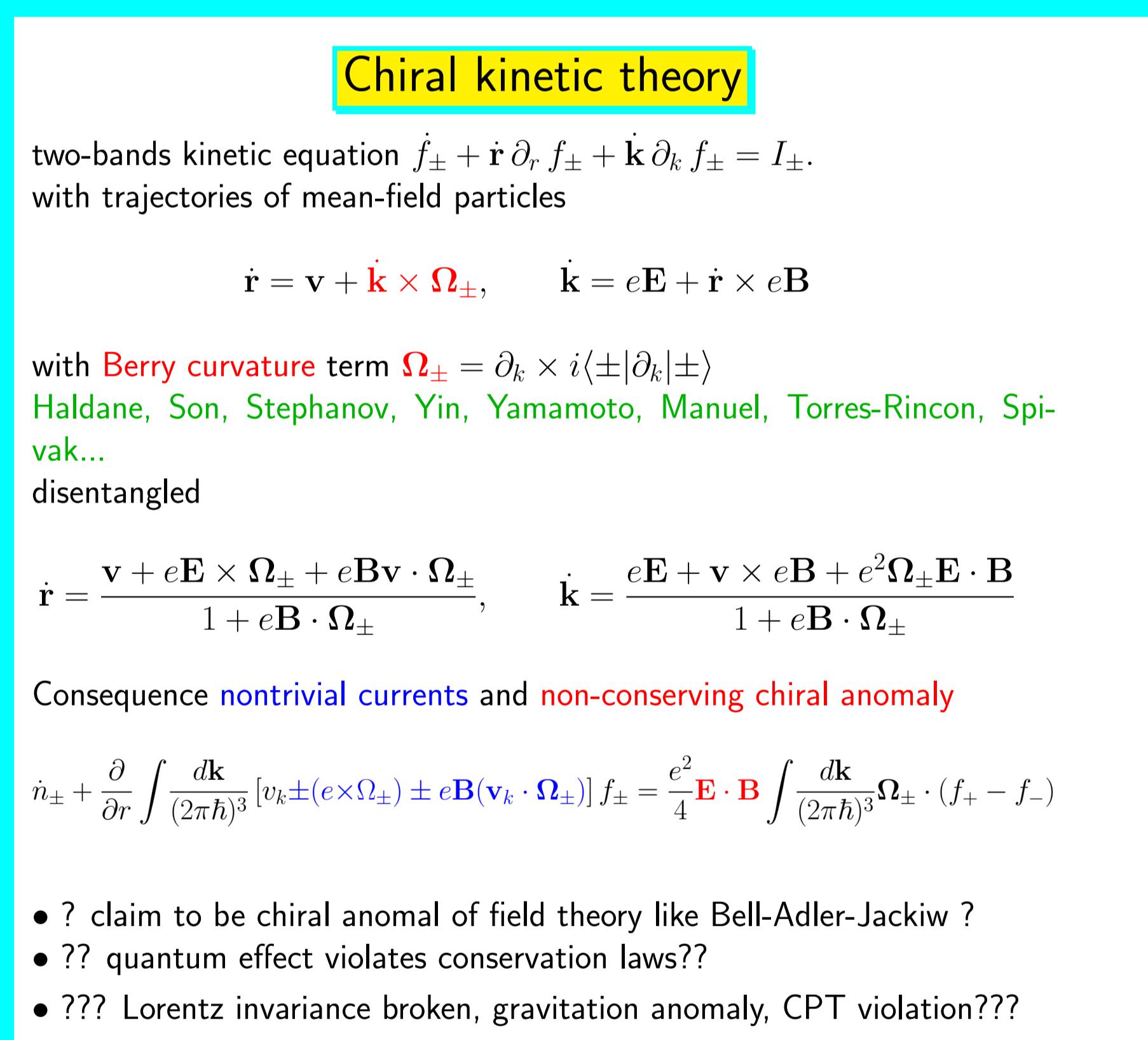
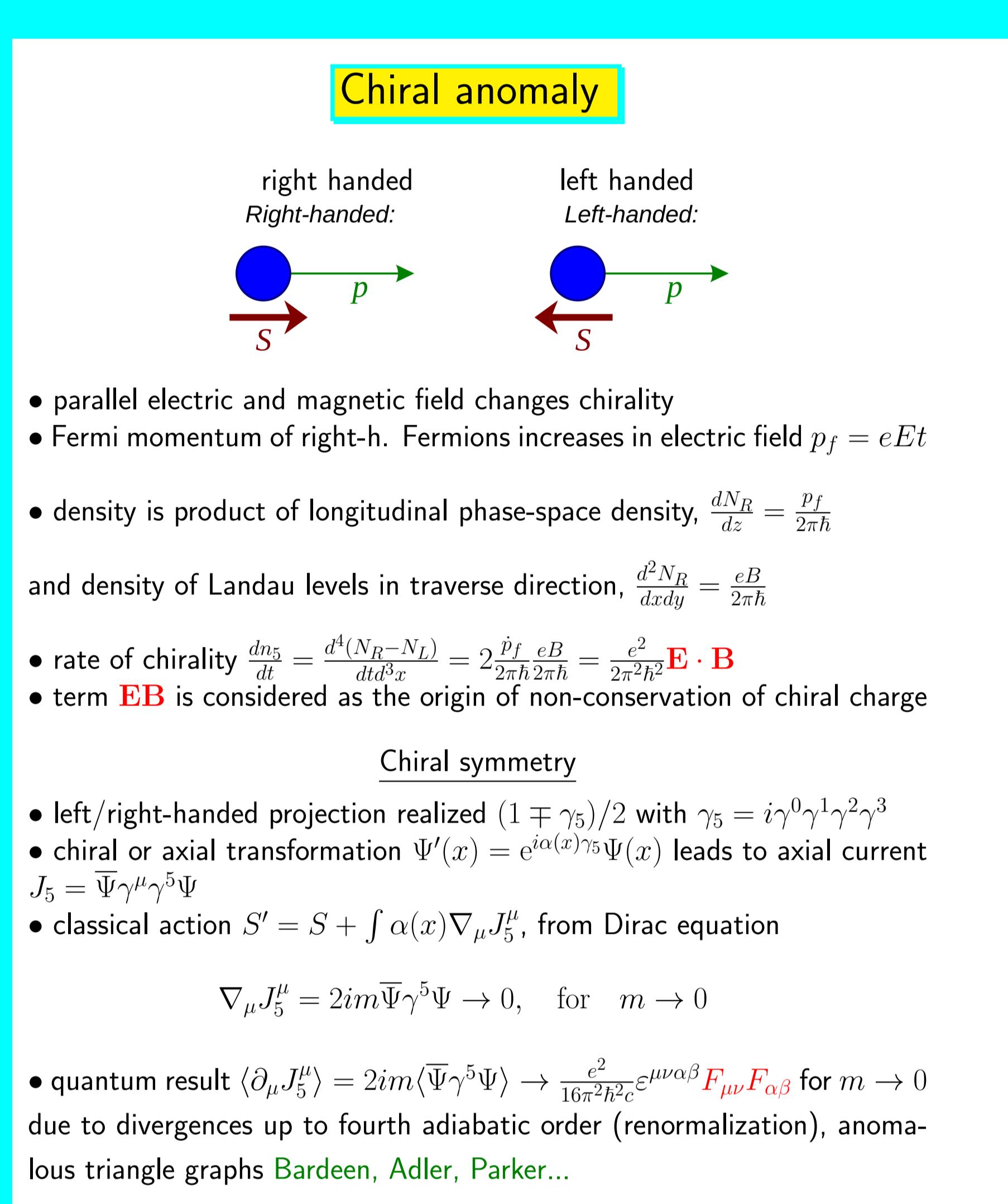
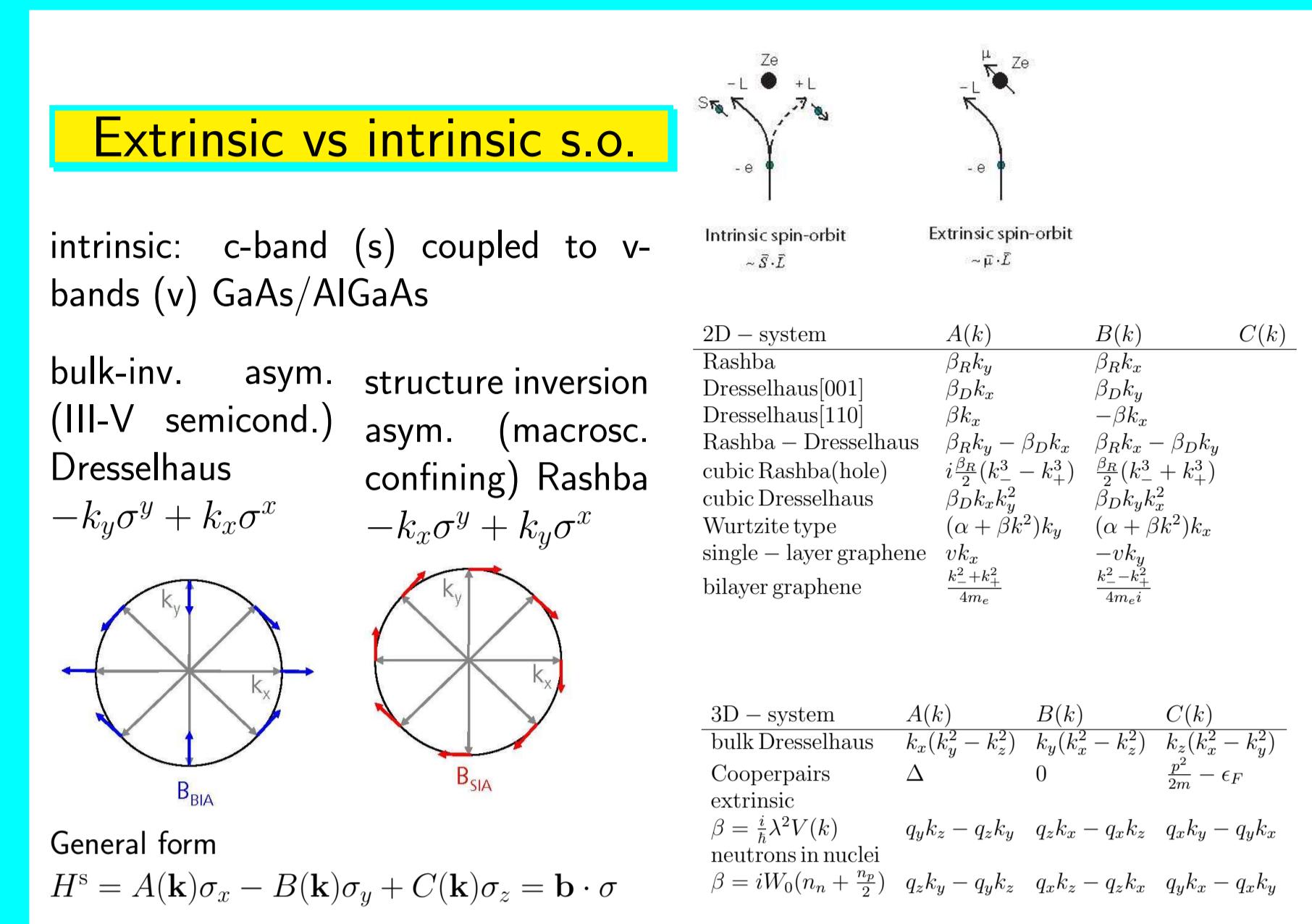
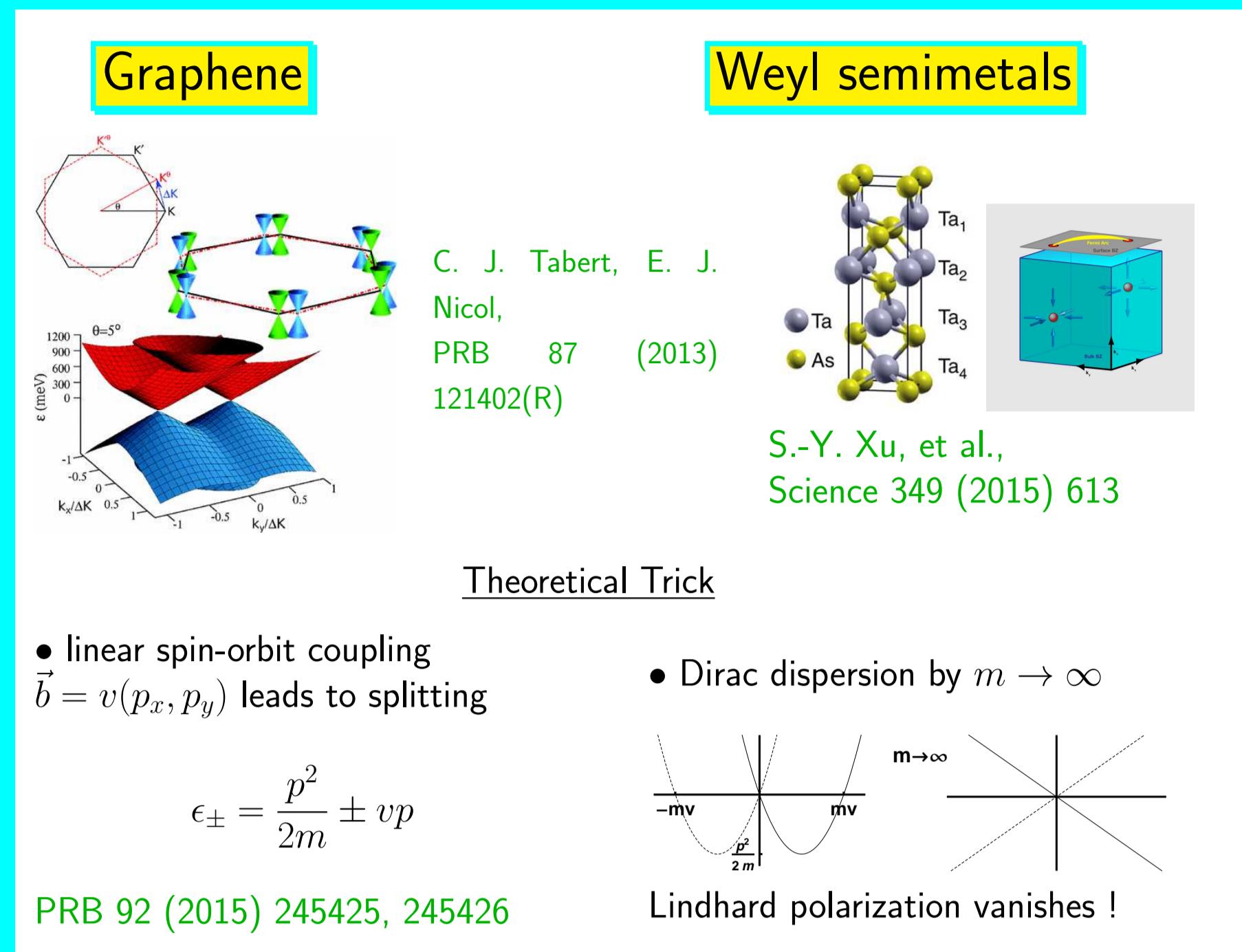


# Anomalous transport in graphene and Weyl semimetals



- books and paper: <http://www.k-morawetz.de>
1. Europhys. Lett., 104 (2013) 27005: *Terahertz out-of-plane pulses due to spin-orbit coupling*
  2. Quantum kinetic theory of spin-polarized systems in electric and magnetic fields with spin-orbit coupling: Phys. Rev. B 92 (2015) 245425; I. Kinetic equation and anomalous Hall and spin-Hall effects, Phys. Rev. B 92 (2015) 245426 II. RPA response functions and collective modes
  3. Phys. Rev. B 94 (2016) 165415: *Dynamical charge and pseudospin currents in graphene and possible Cooper pair formation*
  4. Eur. Phys. J. B 92 (2019) 176: *Weyl systems: anomalous transport normally explained*
  5. Phys. Lett. A 383 (2019) 1362: *Chiral anomaly in Weyl systems: no violation of classical conservation laws*
  6. arXiv:2004.01507: *Exploring anomalies by many-body correlations*
- Interacting Systems far from Equilibrium**: Quantum Kinetic Theory, Klaus Morawetz
- Oxford University Press  
ISBN 9780198797241