

Spin Mechanics 4



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Spin current refers to a flow of electrons' spin angular momentum in condensed matter, which is detectable by using the inverse spin Hall effect. Various phenomena induced by spin currents, such as spin-transfer torque and spin Seebeck effects have been discovered so far. Here I will give an introduction to phonon anomaly in spin Seebeck effects, spin current generated in a classical fluid, and spinon spin current generated in a quantum spin liquid state.

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