

Superconductors are famously classifiable by their response to flux doping in Type II superconductors the flux forms an Abrikosov lattice while in Type I superconductors it phase separates. A powerful analogy between superconductivity and quantum Hall ordering suggests that quantum Hall liquids should also exhibit a similar typology based on their response to charge doping. I will review this general connection and expectation and then show that the special class of weakly paired quantum Hall liquids are naturally Type I. I will also discuss how one can more generally construct different types of quantum Hall liquids at most filling factors and how this construction connects to the self-dual Bogomolnyi solutions that play a prominent role in the theory of solitons and topological defects.