Anyons: from Fermions and Bosons to Majorana Fermions

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Anyons are quasiparticles in two-dimensional systems that can obey 'any' statistics between Fermi-Dirac statistics and Bose-Einstein statistics.

In this pedagogical talk, I will give an introduction to anyons. The basic concept of anyons will be covered, and two examples, Laughlin states of fractional quantum Hall systems and Majorana fermions in topological superconductors will be discussed