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8.512 Theory of Solids II
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Lecture 25: Fermi Liquid Interpretation of Kondo Ground State

In the Kondo ground state, the magnetic moment disappears and the impurity behaves as a potential scatter. However, this is not the end of the story. The low-lying excitations of the Kondo state lead to a local interaction between the conduction electrons. This can be formulated as a set of local Landau parameters. The result is a nontrivial Wilson ratio of two. This lecture follows the original article by Nozieres.