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The Kondo Scale in the dense Kondo lattice¹

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A characteristic of dense Kondo lattices is the so-called coherence temperature T^* below which the system condenses into a low resistance ground state for which a description in terms of Bloch states is appropriate. We argue that T^* corresponds to the temperature at which the $R\ln 2$ entropy of the Kondo ion is developed and empirically show that this temperature is determined by nearest neighbor RKKY coupling of the Kondo ions.

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