

spin-glass transition

A second-order transition from a paramagnetic or ferromagnetic state to a spin-glass state in which spins from moment-bearing solute atoms become ordered randomly in a non-magnetic host such that the net magnetization of any region is zero.

Examples: Au–Fe, Cu–Mn and Mo–Fe

Source:

PAC, 1994, 66, 577 (*Definitions of terms relating to phase transitions of the solid state (IUPAC Recommendations 1994)*) on page 591