

spin-flip transition

A rotation of electron spins, above a critical magnetic field, H_c , in an antiferromagnet from parallel to largely perpendicular alignment, relative to an applied magnetic field, H_a , for $H_a > H_c$.

See also: simultaneous pair transitions

Source:

PAC, 1994, 66, 577 (*Definitions of terms relating to phase transitions of the solid state (IUPAC Recommendations 1994)*) on page 590