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