

Ans 4 Curie Temperature :- With

the rise of temperature susceptibility of ferromagnetic materials decreases. At a certain temperature, ferromagnetic pass over to paramagnetic. This transition temperature called Curie temperature.

magnetic hysteresis :- occurs when an external magnetic field is applied to a ferromagnet such as iron and the atoms dipoles align themselves with it. Even when the field is removed part of the alignment will be retained. The material has become magnetized. Once magnetized the magnet will stay magnetized indefinitely.