Test Test Test

Paramagnetism is the tendency of the atomic magnetic dipoles, due to quantum-mechanical spin angular momentum, in a material that is otherwise non-magnetic to align with an external magnetic field. This alignment of the atomic dipoles with the magnetic field tends to strengthen it, and is described by a relative magnetic permeability, μr greater than unity (or, equivalently, a small positive magnetic susceptibilitygreater than zero), i.e. (i.e. $\mu r = \mu / \mu o = (1 + \chi m) > 1$ and $\chi m > 0$).