

magnetic susceptibility

For *paramagnetic* materials, the magnetic susceptibility may be measured experimentally and used to give information on the molecular magnetic dipole moment, and hence on the electronic structure of the molecules in the material. The paramagnetic contribution to the molar magnetic susceptibility of a material, χ , is related to the molecular magnetic dipole moment m by the Curie relation : $\chi = \text{constant} \times m^2/T$.

1997, 69, 1284