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EPR study of three copper(II) Schiff base complexes

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Three copper Schiff bases have been investigated by the electron paramagnetic resonance (EPR) method in the 90-310 K temperature range. The EPR spectra are compared and analyzed. A detailed picture of magnetic interactions is deduced from the temperature dependence of the EPR parameters (g-factors, integrated intensities). The optimization of the spin-Hamiltonian parameters was achieved by using the software package SIMPOW.

