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Spin-lattice relaxation of exchange-coupled Cu^{2+} - Cu^{2+} pairs and single Cu^{2+} ions in crystals of zinc (II) bis(diethyl-dithiocarbamate)

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Abstract

Detailed investigations of the spin-lattice relaxation of single Cu^{2+} ions and Cu^{2+} - Cu^{2+} pairs in zinc (II) bis(diethyl-dithiocarbamate) single crystals are reported. The measurements were made in the temperature range 1.5