

# Adiabatic polaron transport in $\text{La}_{0.9}\text{Pb}_{0.1}\text{MnO}_3$ manganites

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Abstract: A study of single-phase  $\text{La}_{0.9}\text{Pb}_{0.1}\text{MnO}_3$  compositions is presented. The temperature dependence of the EPR line intensity and resistivity evidence a spin-lattice interaction in the paramagnetic region near the Curie point. In the high temperature region a spin-spin interaction is dominant. © 2004 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim.

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