



Proton magnetic resonance study of $N(CH_3)_4^+$ cation motion in ferroelectric $N(CH_3)_4H(Cl_3CCOO)_2$.

Autorzy

M. Zdanowska-Frączek

Wojciech Medycki

Ryszard Jakubas

N. Piślewski

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Streszczenie

The proton spin-lattice relaxation time in ferroelectric $N(CH_3)_4H(Cl_3CCOO)_2$ has been studied in the temperature range from 280 to 50 K. The data indicate that the dominant relaxation mechanism for T_1 below the phase transition temperature can be attributed to the onset of C_3 reorientation of CH_3 groups with activation energy 16.6 kJ/mol. An anomaly of T_1 at $T_c = 212$ K was also observed.

Adres publiczny

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