

Dielectric and pyroelectric properties of $[N(CH_3)_3H]_3Sb_2Cl_9$ in the low temperature region.

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Streszczenie

Low frequency dielectric investigations of disordered trimethylammonium cations are presented and discussed. Ordering process of $N(CH_3)_3H^+$ cations are described by means of an asymmetry of double minimum potential. Pyroelectric experiment on TMACA provided clear evidence of another continuous phase transition at 127 K between two ferroelectric phases connected most probably with a motion of CH_3 groups.

Słowa kluczowe

Pyroelectricity, phase transition, Dielectric relaxation

Adres publiczny

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