

## Halogenoantimonates(III) and halogenobismuthates(III)-a rich family of ferroelectric crystals.

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### Streszczenie

In this paper a variety of architectures of self-assembled halo-coordinated  $MX_6$  octahedra in ferroelectric halogenoantimonates(III) and halogenobismuthates(III) is illustrated. The dielectric properties of a new ferroelectric  $[4-NH_2C_5H_4NH][SbCl_4]$  are presented. The para-ferroelectric phase transitions mechanism ( $C2/c \rightarrow Cc$ ) at  $T_c = 270.5$  K is discussed. The phase situation in the  $[4-NH_2C_5H_4NH][MX_4]$  (where  $M = Sb, Bi$  and  $X = Cl, Br$ ) family is compared.

### Adres publiczny

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