

## Phase transitions in $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{I}_9$ (MAIB).

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### Rok wydania

1990

### Czasopismo

Ferroelectrics

### Numer woluminu

108

### Strony

109-114

### DOI

10.1080/00150199008018741

### Kolekcja

Naukowa

### Język

Angielski

### Typ publikacji

Artykuł

### Streszczenie

Crystals of tris (methylammonium) nonaiododibismuthate were grown which turned out to be isomorphous with  $\text{Cs}_3\text{Bi}_2\text{I}_9$  and  $(\text{CH}_3\text{NH}_3)_3\text{Sb}_2\text{I}_9$ . Two phase transitions, at 223 (second order) and 142 K (first order), were revealed. The low temperature phase transition is characterized by a strong dielectric anomaly. The pyroelectric behaviour could indicate a ferroelectric ordering below 142 K.

### Adres publiczny

<https://doi.org/10.1080/00150199008018741>