

## **CHARACTERISTICS OF SUPEREXCHANGE INTERACTIONS IN FLUORINE-SUBSTITUTED FERRITES.**

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### **Abstract**

It is established that the average (over the number of bonds) intensity of the superexchange interaction of the Fe<sup>3+</sup> ion with magnetic neighbors decreases by 10% on replacement of one oxygen ion with a fluorine ion, irrespective of the nature of the cation substitution.

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