22aPS-1

PbFe$_2$Mn$_{9}$W$_4$O$_{23}$の誘電および磁気特性

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Dielectric and Magnetic Properties of PbFe$_2$Mn$_{9}$W$_4$O$_{23}$

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Ordered double perovskite Sr$_2$FeMoO$_6$, Sr$_2$FeW$_2$O$_6$ is, in a wide range of temperature, 100% tetragonal phase, tetragonal metal and ferromagnetic phase, Sr$_2$FeMoO$_6$ is W$^{6+}$ (W=60 K) and Sr$_2$FeW$_2$O$_6$ is W$^{5+}$ (W=37 K) the reverse Curie temperature in lower temperature range, the other side of the Curie temperature is higher temperature range. These two materials are ferromagnetic order.

The first is Fe$^{3+}$-Fe$^{3+}$ neighbor, the other side of Fe$^{3+}$-W$^{6+}$ neighbor.

22aPS-2

Sr$_2$Fe$_{0.8}$Co$_{0.2}$O$_4$の磁性および伝導性

 Draws knock

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