



Contribution ID: 482

Type: Poster

d 5 -off-centering induced ferroelectric and magnetoelectric correlations in trirutile-Fe₂TeO₆

Monday, 20 March 2023 16:00 (2 hours)

We present the rare existence of d5 off-centering induced weak ferroelectric polarization and demonstrate its correlation with observed magnetoelectric (ME) properties in the G type (TN~210 K) antiferromagnet Fe₂TeO₆ compound.

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Session Classification: Poster Session MONDAY

Track Classification: Functional Materials