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## ACCEPTED MANUSCRIPT

## Luminescence, structure and antiferroelectric-type phase transition in Ca<sub>8</sub>ZnEu(PO<sub>4</sub>)<sub>7</sub>

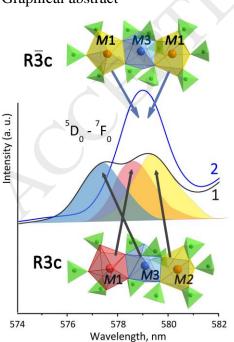
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