Quadrupole Coupling in Ammonium Metaperiodate at Low Temperature

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tures, and in the case of ND₄IO₄ passes through zero and changes sign at 87 K.

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The temperature dependences of the ¹²⁷I nuclear quadrupole coupling in NH₄IO₄ and in ND₄IO₄ are reported. In each salt, the quadrupole coupling decreases to a very small value at low tempera-

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