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Erratum: First-principles study on the intrinsic stability of the magic Fe₁₃O₈ Cluster [Phys. Rev. B 61, 5781 (2000)]

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There is an error in the unit of frequency in this paper; the frequencies in Table II should be in THz. If converted to cm⁻¹, the data are shown in the table below. The vibration frequencies found recently by all-electron calculations¹ have similar values. There are also some errors in the specifications of mode type. A_{2u} and E_u modes are infrared active, whereas A_{1g} , B_{1g} , B_{2g} , and E_g modes are active in Raman. These corrections do not alter the main results or conclusions of the paper.

TABLE II. Frequencies (in cm⁻¹) and irreducible representations (IrRep) of the vibrational modes active in Raman (R) or infrared (IR) spectroscopy for the Fe₁₃O₈ cluster.

	IrRep	Frequency
R	A_{1g}	181, 296, 330, 471, 739
	B_{1g}	174, 294, 488
	B_{2g}	163, 305, 475, 725
	E_g	175, 276, 298, 503, 574, 724
IR	A_{2u}	221, 312, 339, 576, 734
	E_u	129, 223, 234, 309, 337, 496, 576, 738

¹J. Kortus and M. R. Pederson, Phys. Rev. B **62**, 5755 (2000).