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DESCRIPTORS: Vibration, *Lattices, *Crystals,
 Cadmium compounds, Iodides, Energy, Mathematical
 analysis.

The deviation, in percent, of the function

$$D_m = 3mR(T/\epsilon)^{m-1} \int_0^{T/\epsilon} x^{m-1} \exp x (\exp x - 1)^{-2} dx$$

from the previously expressed (Akad. Nauk SSSR Dok-
 lady 56: 577, 1947 and Zhur. Fiz. Khim. 24: 111, 1950)
 limiting law $C_2 = D_2 = 43.274R(T/\epsilon)^2$ was determined
 to be

(Physica--Solid State, TT, v. 6, no. 7) (over)

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