Erratum: Optical linewidths in strongly absorbing molecular crystals [J. Chem. Phys. 64, 1407 (1976)]

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Equation (12) should read

$$\langle n^{-1}\rangle = (e^{\gamma d} - 1)\ln[1/(1 - e^{-\gamma d})]$$

and Eq. (11) should read

$$\Delta = 2\langle\Gamma\rangle = \frac{J}{3\hbar}(e^{\gamma d} - 1)\sum_{n=1}^{\infty} n^{-1} e^{-\gamma d n} .$$

These changes alter Table I (see attached table). The graph in Fig. 1, however, is still valid as are the calculations which we claimed to be based on Table I.

TABLE I. Values of $\langle n^{-1}\rangle$ as a function of γd.

γd	$\langle n^{-1}\rangle$
0.005	0.02657
0.010	0.04633
0.020	0.07923
0.030	0.10725
0.040	0.13218

TABLE I (*Continued*).

λd	$\langle n^{-1}\rangle$
0.050	0.15487
0.060	0.17582
0.070	0.19534
0.080	0.21367
0.090	0.23097
0.100	0.24738
0.110	0.26299
0.120	0.27790
0.130	0.29217
0.140	0.30585
0.150	0.31900
0.160	0.33167
0.170	0.34388
0.180	0.35567
0.190	0.36707
0.200	0.37810
0.250	0.42851
0.300	0.47239
...	...
∞	1.0000

Erratum: Light scattering by impurities at a liquid interface [J. Chem. Phys. 64, 1895 (1976)]

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Doctor S. Sche of Utrecht has kindly pointed out to us that the unit vectors for the incoming light are nonorthogonal. To remedy this oversight, the minus sign in the $\cos\theta_0$ term in the third row ($e_{0,0}$) of Table I should be removed and $\cos\theta_0$ should be changed to $[-\cos\theta_0]$ in Eq. (3.2). No other modifications are required and our conclusions stand.

