

- <sup>1</sup>E. F. Steigmeier, Phys. Rev. **168**, 523 (1968).  
<sup>2</sup>A. J. Sievers and R. O. Pohl, Proceedings of the Fourth Conference on Thermal Conductivity, San Francisco, 1964 (unpublished).  
<sup>3</sup>H. H. Barrett and M. G. Holland, IEEE Ultrasonics Symposium, Vancouver, B. C., 1967 (unpublished).  
<sup>4</sup>R. E. Nettleton, Phys. Rev. **140**, A1453 (1965).  
<sup>5</sup>R. H. Lyddane, R. G. Sachs, and E. Teller, Phys. Rev. **59**, 673 (1941).  
<sup>6</sup>P. A. Fleury and J. M. Worlock, Phys. Rev. **174**, 613 (1968).  
<sup>7</sup>H. H. Barrett, Phys. Rev. **178**, 743 (1969); *Physical Acoustics*, edited by W. Mason and R. N. Thurston

(Academic, New York, 1970), Vol. 6, Chap. 2.

<sup>8</sup>F. W. Lytle, J. Appl. Phys. **35**, 2212 (1964).

<sup>9</sup>The most precise neutron data for SrTiO<sub>3</sub> is that of Y. Yamada and G. Shirane [J. Phys. Soc. of Japan **26**, 396 (1969)]. From this data, graphical construction shows that  $\omega_4$  is about 10% lower than  $\omega(0, \text{TO})$  for both the [110] and [100] directions at 4.2 °K and about 25% lower for the [100] direction at 78 °K.

<sup>10</sup>V. Dvorak, Czech. J. Phys. **B17**, 726 (1967). (Note that this paper contains a serious numerical error. His parameter  $\alpha$  should be about  $2 \times 10^{-2} \text{ cm}^2 \text{ Hz}$  instead of  $\approx 10^{-1} \text{ cm}^2 \text{ Hz}$ . The numerical lifetime values are, therefore, incorrect.)

## ERRATA

**Frequency Spectra of Body-Centered-Cubic Lattices.** B. C. Clark, D. C. Gazis, and R. F. Wallis [Phys. Rev. **134**, A1486 (1964)]. Equation (10) should read  $ac_{12} = 2(\alpha - 3\gamma_1 - \frac{3}{2}\gamma_2)$  rather than  $ac_{12} = 2(\alpha - 3\gamma_1 + \frac{3}{2}\gamma_2)$ .

**Polariton Theory of Resonance Raman Scattering in Insulating Crystals.** B. Bendow and J. L. Birman [Phys. Rev. B **1**, 1678 (1970)]. Equation (2.9) was typeset incorrectly. It should read

$$\frac{d\sigma}{d\Omega} = (2\pi)^{-2} \sum_{\gamma\gamma'} |\alpha(k_\gamma, \gamma)|^2 |\alpha[k'(\gamma\gamma'), \gamma']|^2 [k'(\gamma\gamma')]^2 \\ \times \{v_g(k_\gamma, \gamma)v_g[k'(\gamma\gamma'), \gamma']\}^{-1} |\langle k_\gamma, \gamma | T | k'(\gamma\gamma'), \gamma' \rangle|^2.$$

Also, Eq. (4.4) should contain the expression  $|V(\vec{k}, \vec{k}')|^2$  instead of  $V(\vec{k}, \vec{k}')$ .

**Band Shape and Phonon Broadening of U Bands in Alkali Halides.** S. S. Mitra, R. S. Singh, and Y. Brada [Phys. Rev. **182**, 953 (1969)]. Equations (1), (2), and (5) were misprinted. The corrected equations are

$$M_n = \int_{\text{band}} \alpha(\epsilon)\epsilon^n d\epsilon, \quad (1)$$

$$m^2 = (1/M_0) \int_{\text{band}} \alpha(\epsilon)(\epsilon - \bar{\epsilon})^2 d\epsilon, \quad (2)$$

and

$$G(P) = S^P e^{-S}/P! \quad (5)$$

Results quoted in the paper are for the correct equations.

**Photoreflectance Line Shape at the Fundamental Edge in GaAs.** J. L. Shay [Phys. Rev. B **2**, 803 (1970)]. The printer dropped Fig. 4, which was present in the galleys.

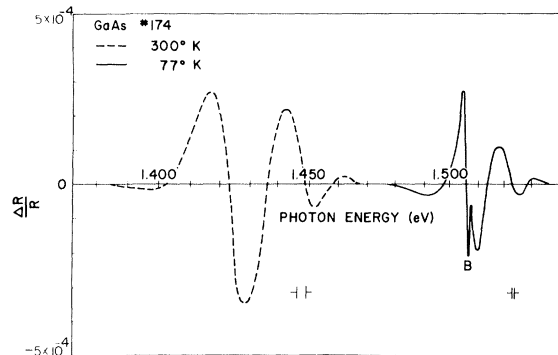


FIG. 4. Temperature dependence of the photoreflectance line shape.