

## Errata

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### Erratum: Interface-response theory of electromagnetism in dielectric superlattices [Phys. Rev. B 37, 8027 (1988)]

Léonard Dobrzynski

The following misprints are noteworthy. The factor  $S_1 C_2$  outside the square bracket in Eq. (41b) should not appear. Consequently, the factor  $S_1 C_2$  should not appear in the denominators in the last terms in square brackets in Eqs. (43a)–(43d) and the factor  $C_1 C_2$  should not appear in the denominator of the third term in the inner square brackets in Eq. (45b). The first term in the parentheses in Eq. (40b) should read  $C_1 S_2 / F_2$  and not  $C_1 C_2 / F_2$ . The second term in the inner square brackets in Eq. (43b) should read  $S_1 C_2 / F_1$  and not  $S_1 C_2 / F_2$ . In Ref. 1, the correct page number is 505 and not 489. Some other misprints [e.g., in Eqs. (6) and (35a)] can be easily found by the reader interested in this paper. These misprints do not affect the final results [Eqs. (46) and (47)] given in this paper.

The author would like to thank Dr. M. S. Kushwaha and Dr. B. Djafari-Rouhani for bringing these misprints to his attention.

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### Erratum: Optical characterization and band offsets in ZnSe-ZnS<sub>x</sub>Se<sub>1-x</sub> strained-layer superlattices [Phys. Rev. B 38, 1417 (1988)]

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Some of the theoretical values  $\Delta E_v^{\text{theor}}$  in Table V were inconsistent with the quoted sample parameters. Following the procedure correctly outlined in the text, the measured strain values  $\epsilon_{xx}^R$  should be used for the strain in ZnSe; the strain in ZnS<sub>x</sub>Se<sub>1-x</sub> then follows from the requirement of continuity of  $a^{\parallel}$ . Using the model-solid parameters given in Table II and the sample parameters in Table III, the following values are obtained:

Sample	$\Delta E_v^{\text{theor}}$ (meV)
<i>a</i>	193
<i>b</i>	212
<i>c</i>	100
<i>d</i>	153
<i>e</i>	157

The values for samples *f*, *g*, and *h*, for which no Raman-measured strains were available, were calculated based on the assumption of free-standing superlattices, and appear correctly in Table V.

For a complete table, including more recent updated experimental values, see K. Shahzad *et al.*, Lumin. **46**, 109 (1990).

We are grateful to N. E. Christensen for pointing out these inconsistencies.