
ERRATA

Effective-Action Expansion in Perturbation Theory.
 LAI-HIM CHAN [Phys. Rev. Lett. **54**, 1222 (1985)].

A recent paper¹ reported a discrepancy for the effective-action expansion of a pure scalar field theory calculated by two different approaches. This confusion is due entirely to an unfortunate typographical error in my paper. The plus and minus signs in front of the last two lines in Eq. (10) should have been interchanged. The correct expression for the effective Lagrangean differs from that of Ref. 1 only by a total-derivative term.

In addition other corrections on p. 1223 are as follows:

Line 4, column 2, $\phi(x) \rightarrow \phi_c(x)$;

line 10, $m^2 V''(\phi_c) \rightarrow m^2 + V''(\phi_c)$;

line 12, $\exp[-\omega(\phi_c)] \rightarrow \exp[-w(\phi_c)]$;

line 14, $\int D[\Phi]\phi(x) \dots \rightarrow \int D[\Phi]\Phi(x) \dots$;

Eq. (8), $V''(\Phi(x)) \rightarrow V''(\phi(x))$.

On p. 1224, in the first line of Eq. (8), $U(+i\partial/\partial p)$ should read $U(x+i\partial/\partial p)$. V'''' in the last two lines of Eq. (7) should read V'''' and all coefficients of the four-derivative terms in Eq. (9) should be multiplied by a factor of 2.

¹O. Cheyette, Phys. Rev. Lett. **55**, 2394 (1985).

Lifetime Enhancement of Two-Dimensional Excitons by the Quantum-Confined Stark Effect. H.-J. POLLAND, L. SCHULTHEIS, J. KUHL, E. O. GÖBEL, and C. W. TU [Phys. Rev. Lett. **55**, 2610 (1985)].

In our Letter the fitting procedure applied to determine the thickness of the QW layers has been described erroneously. The values used for the calculation of the Stark shift in Fig. 2 have not been fitted to the zero-field spectral positions. Instead they have been chosen in such a manner as to describe the Stark shift in the low-electric-field regime. This procedure results in a small discrepancy between calculated and experimental zero-field values of the order of a few millielectronvolts which might be attributed to the application of the infinite-potential-well model. Results and conclusions presented in the Letter are unaffected.