# Errata

## Erratum: Semiclassical theory of two-photon induced Raman scattering [Phys. Rev. A 23, 1015 (1981)]

W. H. Louisell and P. Meystre

Equation (2.4) should read

$$\mathcal{P}(z,t)=\sum_{i=1}^{3}[C_i(z,t)\cos\zeta_i+S_i(z,t)\sin\zeta_i]\,. \tag{2.4}$$

Equation (2.5) should read

$$\mathcal{P}(z,t)=N\,\mathrm{Tr}(\rho\mu)\,, \tag{2.5}$$

where $\rho$ is the density matrix....

Equation (2.8) should read

$$P(z,t)=\overline{P}(z',\tau)=-\frac{i}{2}\sum_i(\mathcal{P}_i e^{-i\omega_i\tau}-\text{c.c.})\,. \tag{2.8}$$

Equation (2.23) should read

$$\frac{\partial\tilde{\rho}_{24}}{\partial\tau}=-[i(\Delta_2-\Delta_1)+\gamma_{24}]\tilde{\rho}_{24}-i[\mu'_{14}\tilde{\rho}_{21}\mathcal{E}_L^*+\mu'_{24}(\rho_{22}-\rho_{44})\mathcal{E}_L-\mu'_{23}\tilde{\rho}_{34}\mathcal{E}_s]\,. \tag{2.23}$$

These misprints have no effect on the rest of the paper.

## Erratum: Optical Hanle effect in fields of arbitrary strength and bandwidth [Phys. Rev. A 23, 2553 (1981)]

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In Fig. 2, $L_x$ and $L_y$ must be interchanged with each other.
In the second line below Eq. (2.1) $\omega_0$ should be equal to $(E_+-E_g)/\hbar$.
In Eq. (2.16) the last line should read

$$\tilde{\rho}_{g-}=\rho_{g-}\exp\{-i[\varphi(t)-\theta+\omega_L t]\}\,.$$

In Eq. (4.3) the terms in square brackets should read

$$[RA_{+g}\mathcal{E}'(t)e^{-i\theta}-RA_{-g}\mathcal{E}'(t)e^{i\theta}+\text{H.c.}]\,.$$

## Erratum: Fluctuations about simple nonequilibrium steady states [Phys. Rev. A 23, 1451 (1981)]

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The corrections are as follows:
p. 1460, three lines before Eq. (5.7), $(\partial p/\partial s)_\rho$ instead of $(\partial p/\partial s)_p$;
p. 1462, Eq. (5.16), $\overline{S}_k^*$ instead of $\overline{S}_k^{*\prime}$;
p. 1464, Eq. (5.30), $\frac{1}{2}D_i k^2[1\pm\epsilon(\vec{k}\omega)]$ instead of $D_i k^2/2[1\pm\epsilon(\vec{k}\omega)]$;
p. 1473, Eq. (B11b),

$$=\{S_{B_iQ}(\vec{q},0)+\lim_{\mathcal{T}\to\text{plateau}}[S_{B_iQ}(\vec{q},\mathcal{T})-S_{B_iQ}(\vec{q},0)]\}\frac{\delta T(q)}{T^2}\,;$$

p. 1475, Eq. (B23), $\vec{j}_Q$ instead of $\bar{j}$;
p. 1475, Eq. (B24),

$$\int_0^\infty d\bar{t} \int d^3\bar{r}$$

instead of

$$\int_0^\infty d^3\bar{r} \int d\bar{r}\,.$$