

some terms in the sum (6.5) may vanish for some  $\omega_l \neq \omega_k$ . We will not discuss here the general case and will restrict ourselves to the case when all  $\omega$ 's are equal to each other,  $\omega_i = \omega_j = \omega$ . Taking this assumption into account, we get from (6.3), with the help of (6.4),

$$E_{j_1 \dots j_{2n}}^{(n,n)}(\mathbf{r}_1 \dots \mathbf{r}_{2n}; \omega) = \sum_{\pi} E_{j_1 j_p}^{(1,1)}(\mathbf{r}_1 - \mathbf{r}_p, \omega) \dots \times E_{j_n j_s}^{(1,1)}(\mathbf{r}_n - \mathbf{r}_s, \omega), \quad (6.6)$$

where  $E_{j_k j_l}^{(1,1)}(\mathbf{r}_k - \mathbf{r}_l, \omega)$  are the second-order correlation functions introduced in Sec. 3. If all coordinates  $\mathbf{r}_k$  and polarizations  $j_k$  coincide,

$$E_{j \dots j}^{(n,n)}(\mathbf{r}, \omega) = n! [E_{jj}^{(1,1)}(0, \omega)]^n. \quad (6.7)$$

Our considerations of higher-order correlation spectral tensors can also be performed in wave-vector space. The higher-order correlation tensors introduced in this way are expressible by the second-order correlation functions in a way similar to (6.4) and (6.7). Of course all these relations are a direct consequence of the fact that the probability distributions of the fluctuating fields of blackbody radiation are Gaussian in any Lorentz frame.

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## Errata

**Equations of Motion in Nonequilibrium Statistical Mechanics. II. Energy Transport,** BALDWIN ROBERTSON [Phys. Rev. **160**, 175 (1967)].

1. Footnote 30 should read “. . . only the first term will survive. . .”.

2. For complete generality, Eqs. (A7) and (B1) should read

$$P(t) \bar{A} \sigma(t) = \bar{P} \sigma(t) \cdot \left[ \frac{\delta \langle A \rangle_t}{\delta \langle F \rangle_t} - \left\langle \frac{\delta A}{\delta \langle F \rangle_t} \right\rangle_t \right], \quad (A7)$$

$$\Phi(t) A = F \cdot \left[ \frac{\delta \langle A \rangle_t}{\delta \langle F \rangle_t} - \left\langle \frac{\delta A}{\delta \langle F \rangle_t} \right\rangle_t \right]. \quad (B1)$$

However, in almost all applications, the second term will be zero as assumed before.

3. Appendix C, third paragraph, the second sentence should be deleted and replaced by the sentence: Furthermore, even if we were given a  $\lambda(t)$ , the matrix  $\langle F \bar{F} \rangle_t^{-1}$  would not exist if we use the definition (6).<sup>43a</sup>

4. The following footnote should be added:

<sup>43a</sup> Proof: Eqs. (5) and (6) give  $\langle \bar{A} \rangle_t = 0$ , and so Eqs. (5) and (C1) gives  $\zeta \cdot \langle F \bar{F} \rangle_t = 0$ . Since  $\zeta$  is nonzero, the determinant of  $\langle F \bar{F} \rangle_t$  must be zero.

5. The sentence including Eq. (C8) should read “Combining Eqs. (9), (1), and (C7), . . .”

6. In Eq. (27), there should be a bar over the rightmost **J**.

**Pressure Shifts of Highly Excited States of Atoms,** M. H. MITTLEMAN [Phys. Rev. **162**, 81 (1967)]. There is an error in the derivation Eq. (6) for the local momentum of the electron. The term  $-2\Delta E$  arises from the polarization of the M.P. by the Cs core and by the electron. Polarization is a second-order effect, so these effects are not additive. Instead of  $2\Delta E$  in Eq. (6) we should have

$$-\sum_{\beta} \left[ \frac{2\alpha}{Z_{\beta}^4} - \frac{2\alpha Z_{\beta} \cdot (Z_{\beta} - \mathbf{r})}{Z_{\beta}^3 |Z_{\beta} - \mathbf{r}|^3} \right].$$

The second term arises from the cross term between electron interactions and core interactions. Upon conversion of the sum to an integral this becomes

$$2\Delta E + 4\pi\alpha\rho U(r).$$

Replacing  $2\Delta E$  in Eq. (6) by this expression modified Eq. (6) to the extent that  $U(r)$  is multiplied by the factor  $(1 + 4\pi\alpha\rho)$ . The  $U(r)$  arising in this way is multiplied by another factor of  $\rho$ , so that there will be no change in our results to the order of  $\rho$  given in the paper.

Similar considerations apply to Eq. (25).