Errata

Second-Order Quadrupole Effect for the Nuclear Hexadecapole Coupling in Ions, R. M. STERNHEIMER [Phys. Rev. **127**, 812 (1962)]. In the last row of Table I, the value of $I_{24}{}^{(4)2}$ should be $-10(3)^{1/2}/77$ instead of $-10(3)^{1/2}/231$. As a result, the angular factor A for $(d, d \rightarrow d \rightarrow g)$ in Table II is changed to 640/343 (instead of 640/539), and A for $(d, d \rightarrow g \rightarrow g)$ should be 1920/3773 (instead of 8320/41503). Since these coefficients were not subsequently used in the paper,[1] the results of Sec. III and Table IV are unaffected.

[1] Tables of the perturbed wave functions obtained in this work (for Cu^+, V^{++}, Ag^+, and Hg^{++}) are given in a supplementary paper. This paper also contains tables of the perturbed wave functions used to calculate the hexadecapole antishielding factor for the Cu^+, Ag^+, and Hg^{++} ions [R. M. Sternheimer, Phys. Rev. **123**, 870 (1961)] and the wave functions which determine the electronic polarizabilities of the alkali atoms [R. M. Sternheimer, Phys. Rev. **127**, 1220 (1962)]. This supplementary paper has been deposited as Document No. 7341 with the ADI Auxiliary Publications Project, Photoduplication Service, Library of Congress, Washington 25, D. C. A copy may be secured by citing the document number and by remitting \$5.00 for photoprints or \$2.25 for 35-mm microfilm. Advance payment is required. Make checks or money orders payable to: Chief, Photoduplication Service, Library of Congress.

Neutron Yields from Individual Fission Fragments, JAMES TERRELL [Phys. Rev. **127**, 880 (1962]. A few typographical errors may lead to some confusion. The equation in footnote 12a should read $\mu_4 = 6\sigma^4 - \mu_4{}^*$. On p. 885 (left-hand column) the average mass from data of Milton and Fraser should be 108.61, not 106.61. Also, footnote 23a should refer to this same sentence and not to an earlier sentence. On p. 900, left-hand column, last paragraph, the missing character should be $\bar{E}_{\text{c.m.}}$. A factor $\cos\theta$ was inadvertently omitted from the last term of Eq. (A13).

Model for the Two-Pion and Three-Pion Resonances, A. N. MITRA [Phys. Rev. **127**, 1342 (1962)]. The following misprints have occurred in the paper: In Eqs. (2.5) and (2.8), λ should be read as 3λ. In Eq. (2.8), on the right-hand side, $v(p)v(p')$ should be replaced by $v(p)v(p')/\omega(p)\omega(p')$. The quantities, Ψ_S, Ψ_A, and Ψ_V, appearing on the left-hand sides of Eqs. (3.7), (3.13), and (3.17), respectively, should be multiplied by the energy denominator $D(E)$ defined by Eq. (3.7a). Finally, in Eq. (4.3), on the right-hand side, $\sin^2\theta$ should be read as $(\sin^2\theta)p^2$. These misprints are deeply regretted, but all the other algebraic equations, as well as the numerical results, given in the paper are correct as they stand.

Field-Theoretical Calculation of the One-Pion-Exchange and Two-Pion-Exchange Contributions to the Phase Shifts with Higher Angular Momenta for Nucleon-Nucleon Scattering, IWAO SATO [Phys. Rev. **127**, 1352 (1962)]. An error has been found in the calculation of the contributions of the $I=J=1$ pion-pion resonance. In Eqs. (5.5), (5.6), (5.7), and (5.8a), C_2 should be replaced by $-C_2$, unless it is combined with C_1 in the form C_1+2MC_2. Because of this error the entries in the column $\pi 1$ in Table I and the column $1+2B+2R+\pi 1$ in Table II are incorrect. The correct entries are

	Table I, $\pi 1$		Table II, $1+2B+2R+\pi 1$
k_0	−1.7484		
k_2	0.03802	$^1D_2$	53.10
k_4	0.00126	$^1G_4$	4.39
k_6	0.00005	$^1I_6$	0.72
k_{11}	−0.04559		
k_{33}	−0.00191	$^3F_2$	21.43
k_{55}	−0.00008	$^3F_3$	15.86
k_{10}	−1.3193	$^3F_4$	12.89
k_{12}	−0.14011		
k_{32}	−0.03003	$^3H_4$	1.19
m_2	−0.08094	$^3H_5$	−0.31
k_{34}	−0.00396	$^3H_6$	1.26
k_{54}	−0.00092		
m_4	−0.00228		
k_{56}	−0.00014	ϵ_4	−1.44
k_{76}	−0.00003	ϵ_6	−0.56
m_6	−0.00008		

The contributions of the $I=J=1$ pion-pion resonance now turn out to be quite small, so the conclusion that this resonance much improves the result by supplying a strong repulsion should be abandoned. In order to explain the experiments, one needs a repulsive force from some other source. I am grateful to Dr. S. Furuichi for pointing out this error.

Photodisintegration of Helium, PAUL GOLDHAMMER AND HENRY S. VALK [Phys. Rev. **127**, 945 (1962)]. The following typographical errors should be noted:

(i) In the byline, for Paul Goldhammer and Henry S. Vaulk, read Paul Goldhammer and Henry S. Valk.

(ii) In Eq. (3), for

$$\sigma_{\text{int}} = [2\pi^2 e^2\hbar/(Mc)]\Big\{NZ/A\,(Mx/3\hbar^2)] \times \int \Psi_0{}^* \sum_{i,j} V(r_{ij}) r_{ij}{}^2 P_{ij}{}^M \Psi_0 d\tau - [My/(3\hbar^2)] \times \int \Psi_0{}^* \sum_{i,j} V(r_{ij}) r_{ij}{}^2 P_{ij}{}^H \Psi_0 d\tau \Big\},$$

read

$$\sigma_{\text{int}}=[2\pi^2e^2\hbar/(Mc)]\Big\{NZ/A-[Mx/(3\hbar^2)]\times\int\Psi_0^*\sum_{i,j}V(r_{ij})r_{ij}^2P_{ij}^M\Psi_0d\tau-[My/(3\hbar^2)]\times\int\Psi_0^*\sum_{i,j}V(r_{ij})r_{ij}^2P_{ij}^H\Psi_0d\tau\Big\}.$$

(iii) In Eq. (4), for

$$\sigma_b=(4\pi^2/3)[e^2/(\hbar c)][zN/(A-1)]R^2,$$

read

$$\sigma_b=(4\pi^2/3)[e^2/(\hbar c)][ZN/(A-1)]R^2.$$

(iv) In reference 8, for: see O. Roj and J. S. Levinger, Phys. Rev. **123**, 2177 (1961), read O. Rojo and J. S. Levinger, Phys. Rev. **123**, 2177 (1961).

G Parity and the Interactions of Heavy Mesons, D. B. LICHTENBERG AND G. C. SUMMERFIELD [Phys. Rev. **127**, 1806 (1962)]. Replace the second line of Eq. (3) by

$$J\geq 1,\ P=(-1)^J \text{ implies } C=(-1)^J.$$

We wish to thank Professor S. P. Rosen for bringing this to our attention.

PHYSICAL REVIEW VOLUME 128, NUMBER 6 DECEMBER 15, 1962

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References with (E) are to Errata