ERRATA

Coupled-State Calculations of Proton-Hydrogen Scattering in the Sturmian Representation. D. F. Gallaher and L. Wilets [Phys. Rev. **169**, 139 (1968)]. The overlap probability of the He^+ ground state with the first three Sturmian s states was given incorrectly in the article as 0.92 (p. 140, line 14); the correct value should be 0.99.

Precise Theory of the Zeeman Spectrum for Atomic Hydrogen and Deuterium and the Lamb Shift. Stanley J. Brodsky and Ronald G. Parsons [Phys. Rev. **163**, 134 (1967)]. In Sec. II, A, one should take $\vec{A}_1 = \frac{1}{2} \vec{H} \times \vec{r}_1$, $\vec{A}_2 = \frac{1}{2} \vec{H} \times \vec{r}_2$; in Eq. (17) replace A_I with $-A_I$; in Eq. (A5), the over-all sign is incorrect.

Evidence for the $^3\Delta_u \rightarrow B^3\Pi_g$ Transition in N_2 . H. L. Wu and W. Benesch [Phys. Rev. **172**, 31 (1968)]. The content of Fig. 1 should be interchanged with that of Fig. 2. The figure captions should *not* be interchanged.

Screened Coulomb Solutions of the Schrödinger Equation. Carl A. Rouse [Phys. Rev. **159**, 41 (1967)]. The conclusion "... that for any $d > 0$, the CSCP yields an eigenfunction for all Coulomb n, l ," is certainly true in x space. In r space the solutions considered here are consistent with a finite number of bound states for a given finite screening radius – if we *define* by extrapolation a limiting screening radius, $D_L(n, l)$, by

$$ZD_L(n, l)/a_0 = \lim_{d \rightarrow 0} \lambda d/2.$$

Hence all statements concerning an infinite number of screened Coulomb bound states should be amended to include the phrase "in x space." In the Abstract, delete "The problem of the number of screened Coulomb states is resolved"; and insert "In the transformed x space ..." Delete the last sentence in the first paragraph of the Introduction. On page 45, in the paragraph above Sec. III, add "in x space" to the first sentence; delete the second sentence; and in the last sentence insert "in x space" in front of the colon. In Sec. III delete the first sentence of the second paragraph. In the second sentence of this paragraph, " $D > 0$ " should read " $d > 0$." In the Appendix, begin the first paragraph with "In x space, for any $d > 0, \dots$ "; and delete the second and third sentences in the last paragraph.

Finite Electronic Partition Function From Screened Coulomb Interactions. Carl A. Rouse [Phys. Rev. **163**, 62 (1967)]. With the restriction of the conclusions in the above paper to the results in the transformed x space (see preceding Erratum), four changes are necessary in this paper. In the Abstract, in the fourth line down from the CSCP, in the sentence "Since the accurate numerical solutions do not ...," insert "in x space" after "solutions." In the last sentence in the second paragraph of the Introduction, insert "in x space" after "(CSCP)"; and " $D > 0$ " should read " $d > 0$." In the first line of the third paragraph of the Introduction, " $D \rightarrow 0$ " should read " $d \rightarrow 0$." Finally, in the first line of the second paragraph of Sec. IV, insert "in x space" after "potential."