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[25]Corrected intervals ν_{21} and ν_{01} in $2\,^3P$ and $3\,^3P$ states of some two-electron ions are given in Ref. 13.
[26]In Ref. 4, Edlén and Löfstrand observed a discrepancy of 45 ± 30 cm^{-1} between the theoretical and experimental position of the $1\,^1S_0$ level in C V. They suggested that the Lamb shift of -132 cm^{-1} reported by Pekeris in Ref. 15 was too small. The Q correction included in E_I in the present calculation contributes to the Lamb shift an additional amount of -7.2 cm^{-1} which accounts only for 50% of the discrepancy. The new experimental data of Löfstrand (Ref. 3) reveal that the similar situation occurs in the ground term of Be III. The Q correction which contributes -1.5 cm^{-1} to the shift cannot be the only source of the discrepancy of 19 ± 15 cm^{-1} found in the ground term of Be III. The main source of uncertainty in the present theoretical values of the $1\,^1S$ Lamb shift is the hydrogenic approximation employed in calculations of K_0. If we extrapolate accurate values of K_0 for $Z = 2,3$ (Ref. 7) to $Z = 4$ and 6, we shall find that this approximation can lead to an error of a few percent in the value of the Lamb shift. This amount is comparable to the magnitude of higher-order QED corrections. In the cases of Be III and C V, more accurate calculations of K_0 as well as estimates of the higher-order QED corrections are desirable in order to establish the source of the present discrepancy between theory and experiment.
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Erratum

Self-Diffusion in Krypton at Intermediate Density, P. Carelli, I. Modena, and F. P. Ricci [Phys. Rev. A 7, 298 (1973)]. The D and $D(220/T)^{0.9}$ of the head line of Table I must be multiplied by 10^{-4}.