

A Correction: Pressure Effects on Spectral Lines

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PROFESSOR R. LADENBURG has kindly pointed out to us that the value for the collision cross section of slow electrons in argon, quoted by us on p. 53 in Table VI, as $26.0 \text{ cm}^2/\text{cm}^3$, should be $2.6 \text{ cm}^2/\text{cm}^3$. Our erroneous value was taken without recalculation from a paper by Füchtbauer and co-workers,* where the same error occurs. We wish to point out that this correction makes agreement with Fermi's theory poor indeed in the case of argon as a perturbing gas. The discrepancy is in part undoubtedly due to approximations made in Fermi's theory. It would seem that exact numerical agreement, such as reported by Füchtbauer and his collaborators, is scarcely to be expected.

* Füchtbauer, Schulz, and Brandt, *Zeits. f. Physik* 90, 403 (1934).