Erratum: Tight rigorous bounds to atomic information entropies [J. Chem. Phys. 97, 6485 (1992)]

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We have found a misprint in the heading of Table II. All the numerical contents of this table are correct, but one should change the caption and the heading as follows:

TABLE II. Values, in atomic units, of the momentum information entropy S_γ, the momentum expectation values $\langle p^\alpha \rangle$ with $\alpha = -2, -1, 1$, and 2, the mean logarithmic momentum $\langle \ln p \rangle$, and the mean square logarithmic momentum $\langle (\ln p)^2 \rangle$ for all the atoms with $Z \leqslant 54$. Although the values $\langle p^\alpha \rangle$ are calculated according to the normalization $\langle p^0 \rangle = 1$, here it is given as $\langle p^\alpha \rangle / Z$ for convenience in the numerical presentation. The near-Hartree–Fock atomic wave functions of Clementi and Roetti have been used.

Z	S_γ	$\langle p^{-2} \rangle / Z$	$\langle p^{-1} \rangle / Z$	$\langle p \rangle / Z$	$\langle p^2 \rangle / Z$	$\langle \ln p \rangle$	$\langle (\ln p)^2 \rangle$