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**ERRATA**


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**Erratum: Correlation energy, structure factor, radial distribution function, and momentum distribution of the spin-polarized uniform electron gas**  
**[Phys. Rev. B 50, 1391 (1994)]**

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Because of a misprint, the coefficients for the fit of  $\tilde{\rho}(q)$  [Eq. (57)] of the homogeneous electron gas are inconsistent with the values updated in Table I. Moreover, we discovered a minor mistake in the fitting program. The correct version of Eq. (57) reads

$$\tilde{\rho}(q) = \begin{cases} A + B(q/k_F)^2 + C(q/k_F)^3 + D(q/k_F)^4, & q < k_F \\ E(k_F/q)^8 + F(k_F/q)^{10}, & q > k_F. \end{cases} \quad (1)$$

The correct optimal fit parameters are reported in Table I, which supersedes Table XI in the original paper. The large number of digits quoted in the table is only intended to accurately satisfy the normalization constraint, and does not correspond to the accuracy of the computed momentum distribution. For completeness, we also mention that another fit to our numerical  $\tilde{\rho}(q)$  has been performed by Senatore *et al.*<sup>2</sup>

TABLE I. Optimal fit parameters for the DMC momentum distribution ( $\zeta=0$ ) according to Eq. (57).  $Z_F$  is the quasiparticle renormalization factor at the Fermi surface. The RPA value is from Ref. 1.

	$r_s=0.8$	$r_s=1$	$r_s=2$	$r_s=3$	$r_s=5$	$r_s=8$	$r_s=10$
<i>A</i>	0.999 803 91	0.999 810 53	0.993 162 51	0.982 791 43	0.965 890 33	0.901 169 12	0.901 340 23
<i>B</i>	0.034 584 72	0.002 921 76	-0.029 966 22	-0.068 539 16	0.042 972 06	-0.012 093 55	-0.080 570 40
<i>C</i>	-0.135 180 65	-0.086 823 15	-0.095 188 98	-0.052 388 32	-0.504 142 93	-0.372 339 83	-0.310 065 21
<i>D</i>	0.085 819 77	0.056 053 65	0.060 026 33	0.025 868 64	0.318 449 05	0.227 187 71	0.184 799 46
<i>E</i>	-0.003 182 00	0.052 979 60	0.174 762 71	0.313 532 39	0.477 673 71	0.903 828 24	1.042 708 00
<i>F</i>	0.028 384 74	-0.032 579 78	-0.135 733 47	-0.267 586 13	-0.379 597 15	-0.810 614 42	-0.939 843 23
$Z_F$	0.960	0.952	0.889	0.842 0	0.725	0.651	0.593
$Z_F^{\text{RPA}}$		0.859		0.700	0.602		

<sup>1</sup>G. D. Mahan, *Many-Particle Physics* (Plenum, New York, 1991), Chap. 5.

<sup>2</sup>G. Senatore, S. Moroni, and D. M. Ceperley, in *Physics of Strongly Coupled Plasmas*, edited by W. D. Kraeft and M. Schlanges (World Scientific, Singapore, 1996), p. 429.