Corrigendum

A density-functional calculation of dynamic dipole polarizabilities of noble gas atoms

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The $\Delta \bar{v}_{\text{eff}}^1$ terms in Eqs. (34) and (37) should be multiplied by a factor 1/2. Table 1 should be replaced by the following table:

Table 1. Calculated values of dynamic (frequency-dependent) dipole polarizabilities of Ne, Ar, Kr and Xe; all values are in atomic units (1 a.u. of polarizability $= 4\pi\varepsilon_0 a_0^3 = 0.164878 \times 10^{-40} \, c^2 \, m^2 \, J^{-1}$; 1 a.u. of frequency $= \hbar/m_e a_0^2 = 4.1341 \times 10^{16} \, \text{rad sec}^{-1}$)

Frequency (ω)	Ne				Ar		Kr		Xe	
	Present work	Ref. [18][a]	Ref. [20]	Ref. [21]	Present work	Ref. [18][a]	Present work	Ref. [18][a]	Present work	Ref. [18][a]
0.00	4.89		2.37	2.67	16.72		19.36		28.44	
0.05	4.91		2.37		16.82		19.46		28.62	
0.10	4.97		2.39	2.69	17.14		19.79		29.20	
0.15	5.08		2.42		17.72		20.39		30.26	
0.20	5.26	2.80	2.46	2.77	18.69	12.51	21.37	19.68	32.04	35.15
0.25	5.51	2.88	2.51		20.30	13.50	22.95	21.87	35.07	44.20
0.30	5.89	2.99	2.58	2.91	23.32	15.22	25.75	27.20	41.06	95.52
0.35	6.48	3.14	2.68		31.72	18.40	32.32		62.42	
0.40	7.56		2.81	3.14						
0.45	10.60		2.98							

[a] Quoted in Ref. [19]

The first line in Table 2 should be replaced by the following line:

4.89	16.72	19.36	28.44	Present work