

TABLE I: Variables Z in the 2002 CODATA least-squares adjustment (numerical order).

LSA index	Item label	Symbol
1	fine-structure constant	α
2	ångstrom star	\AA^*
3	^{133}Cs relative atomic mass	$A_r(^{133}\text{Cs})$
4	$^{16}\text{O}^{7+}$ relative atomic mass	$A_r(^{16}\text{O}^{7+})$
5	alpha particle relative atomic mass	$A_r(\alpha)$
6	deuteron relative atomic mass	$A_r(\text{d})$
7	electron relative atomic mass	$A_r(\text{e})$
8	helion relative atomic mass	$A_r(\text{h})$
9	neutron relative atomic mass	$A_r(\text{n})$
10	proton relative atomic mass	$A_r(\text{p})$
11	additive correction to $a_e(\text{th})$	δ_e
12	additive correction to $a_\mu(\text{th})$	δ_μ
13	additive correction to $g_C(\text{th})$	δ_C
14	additive correction to $g_O(\text{th})$	δ_O
15	additive correction to $\Delta\nu_{\text{Mu}}(\text{th})$	δ_{Mu}
16	d_{220} of Si crystal ILL	$d_{220}(\text{ILL})$
17	d_{220} of Si crystal MO*	$d_{220}(\text{MO}^*)$
18	d_{220} of Si crystal N	$d_{220}(\text{N})$
19	d_{220} of Si crystal NR3	$d_{220}(\text{NR3})$
20	d_{220} of an ideal Si crystal	d_{220}
21	d_{220} of Si crystal WASO 04	$d_{220}(\text{W04})$
22	d_{220} of Si crystal WASO 17	$d_{220}(\text{W17})$
23	d_{220} of Si crystal WASO 4.2a	$d_{220}(\text{W4.2a})$
24	additive correction to $E_{\text{D}}(12\text{D}_{3/2})/h$	$\delta_{\text{D}}(12\text{D}_{3/2})$
25	additive correction to $E_{\text{H}}(12\text{D}_{3/2})/h$	$\delta_{\text{H}}(12\text{D}_{3/2})$
26	additive correction to $E_{\text{D}}(12\text{D}_{5/2})/h$	$\delta_{\text{D}}(12\text{D}_{5/2})$
27	additive correction to $E_{\text{H}}(12\text{D}_{5/2})/h$	$\delta_{\text{H}}(12\text{D}_{5/2})$
28	additive correction to $E_{\text{D}}(1\text{S}_{1/2})/h$	$\delta_{\text{D}}(1\text{S}_{1/2})$
29	additive correction to $E_{\text{H}}(1\text{S}_{1/2})/h$	$\delta_{\text{H}}(1\text{S}_{1/2})$
30	additive correction to $E_{\text{H}}(2\text{P}_{1/2})/h$	$\delta_{\text{H}}(2\text{P}_{1/2})$
31	additive correction to $E_{\text{H}}(2\text{P}_{3/2})/h$	$\delta_{\text{H}}(2\text{P}_{3/2})$
32	additive correction to $E_{\text{D}}(2\text{S}_{1/2})/h$	$\delta_{\text{D}}(2\text{S}_{1/2})$
33	additive correction to $E_{\text{H}}(2\text{S}_{1/2})/h$	$\delta_{\text{H}}(2\text{S}_{1/2})$
34	additive correction to $E_{\text{H}}(3\text{S}_{1/2})/h$	$\delta_{\text{H}}(3\text{S}_{1/2})$
35	additive correction to $E_{\text{D}}(4\text{D}_{5/2})/h$	$\delta_{\text{D}}(4\text{D}_{5/2})$
36	additive correction to $E_{\text{H}}(4\text{D}_{5/2})/h$	$\delta_{\text{H}}(4\text{D}_{5/2})$
37	additive correction to $E_{\text{H}}(4\text{P}_{1/2})/h$	$\delta_{\text{H}}(4\text{P}_{1/2})$
38	additive correction to $E_{\text{H}}(4\text{P}_{3/2})/h$	$\delta_{\text{H}}(4\text{P}_{3/2})$
39	additive correction to $E_{\text{D}}(4\text{S}_{1/2})/h$	$\delta_{\text{D}}(4\text{S}_{1/2})$
40	additive correction to $E_{\text{H}}(4\text{S}_{1/2})/h$	$\delta_{\text{H}}(4\text{S}_{1/2})$
41	additive correction to $E_{\text{H}}(6\text{D}_{5/2})/h$	$\delta_{\text{H}}(6\text{D}_{5/2})$
42	additive correction to $E_{\text{H}}(6\text{S}_{1/2})/h$	$\delta_{\text{H}}(6\text{S}_{1/2})$
43	additive correction to $E_{\text{D}}(8\text{D}_{3/2})/h$	$\delta_{\text{D}}(8\text{D}_{3/2})$
44	additive correction to $E_{\text{H}}(8\text{D}_{3/2})/h$	$\delta_{\text{H}}(8\text{D}_{3/2})$
45	additive correction to $E_{\text{D}}(8\text{D}_{5/2})/h$	$\delta_{\text{D}}(8\text{D}_{5/2})$
46	additive correction to $E_{\text{H}}(8\text{D}_{5/2})/h$	$\delta_{\text{H}}(8\text{D}_{5/2})$

TABLE I: (*Continued*). Variables Z in the 2002 CODATA least-squares adjustment.

LSA index	Item label	Symbol
47	additive correction to $E_{\text{D}}(8\text{S}_{1/2})/h$	$\delta_{\text{D}}(8\text{S}_{1/2})$
48	additive correction to $E_{\text{H}}(8\text{S}_{1/2})/h$	$\delta_{\text{H}}(8\text{S}_{1/2})$
49	Planck constant	h
50	electron-muon mass ratio	m_e/m_μ
51	deuteron-electron magnetic moment ratio	$\mu_{\text{d}}/\mu_{\text{e-}}$
52	electron-proton magnetic moment ratio	$\mu_{\text{e-}}/\mu_{\text{p}}$
53	electron to shielded proton magnetic moment ratio	$\mu_{\text{e-}}/\mu'_{\text{p}}$
54	shielded helium to shielded proton magnetic moment ratio	$\mu'_{\text{h}}/\mu'_{\text{p}}$
55	neutron to shielded proton magnetic moment ratio	$\mu_{\text{n}}/\mu'_{\text{p}}$
56	molar gas constant	R
57	bound-state deuteron rms charge radius	R_{d}
58	bound-state proton rms charge radius	R_{p}
59	Rydberg constant	R_∞
60	copper $\text{K}\alpha_1$ x unit	$\text{xu}(\text{CuK}\alpha_1)$
61	molybdenum $\text{K}\alpha_1$ x unit	$\text{xu}(\text{MoK}\alpha_1)$