How SI Units hide the equal strength of gravitation and charge fields

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This paper shows that there are deeper symmetries within physics than are currently recognised. The use of SI units in their existing form hides that gravity is not the weakest force. The paper shows through symmetry arguments that Planck's constant *h* and the Gravitational constant *G* are both dimensionless ratios when dimensional analysis is used at property levels deeper than mass, length and time. The resultant adjustments shown to be needed for SI units produce much simpler sets of units which also solve the issue of why magnetic field H and magnetic inductance B have not previously had the same units. The result shows that gravitational and charge fields have the same strengths when considered in fractional adjusted-Planck values. By showing that *h* and *G* are dimensionless, they can be understood to be unit-dependent ratios which can be eliminated from all equations by merging them within new adjusted SI units. The implications are that mass and charge sizes, and distance, are not the properties which separate quantum and classical gravitational systems. The equivalence of gravitational and inertial mass is also shown. The new type of dimensional analysis shows how to uncover any law of nature or universal constant and that the current set of properties of nature is missing two from the set, whose dimensions and units can be inferred.

Keywords: Symmetry; Gravitational constant; Planck constant; Planck units; SI units; Dimensionality; Properties; Parameters; Ratios; Field strength.

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Table 1. Values of the Q_* set of properties

Property X_*	Q_* DAPU set's NSI Value	NSI Units	DAPU equivalent	As Constants
Gravitational Constant G	none	$m^3 kg^{-1} s^{-2}$	none	none
Permeability u_*	$\sqrt{6.67428\times10^{-11}}$	$N\ A^{-2}$	none	$\sqrt{\lvert G\rvert}$
Boltzmann's Constant k_B	none	$J\ K_\wedge^{-1}$	none	none
Angular Momentum h	6.62606896×10^{-34}	$J\ s$	$m^2 kg\ s^{-1}$	h
Mass M_*	4.45695580×10^{-13}	kg	kg	$\sqrt{hc}$
Magnetic Flux ϕ_*	4.45695580×10^{-13}	$W_\wedge$	$\sqrt{mkg}\,m s^{-1}$	$\sqrt{hc}$
Charge-mass Q_{*c}	4.45695580×10^{-13}	$C_\wedge m\ s^{-1}$	$\sqrt{mkg}\,m s^{-1}$	$\sqrt{hc}$
Velocity v_*	2.99792458×10^{8}	$m\ s^{-1}$	$m\ s^{-1}$	c
Resistance R_*	2.99792458×10^{8}	$\Omega_\wedge$	$m\ s^{-1}$	c
Momentum $M_* v_*$	1.33616173×10^{-4}	$m\ kg\ s^{-1}$	$m\ kg\ s^{-1}$	$c\sqrt{hc}$
Current i_*	8.98755179×10^{16}	$A_\wedge$	$\sqrt{mkg}\ s^{-1}$	c^2
Action M_*/L_*	8.98755179×10^{16}	$m^{-1}kg$	$m^{-1}kg$	c^2
Angular Frequency w_*	6.04538246×10^{37}	Hz	s^{-1}	$c^2\sqrt{c/h}$
Frequency f_*	6.04538246×10^{37}	Hz	s^{-1}	$c^2\sqrt{c/h}$
Energy E_*	4.00571211×10^{4}	J	$m^2 kg\ s^{-2}$	$c^2\sqrt{hc}$
Temperature K_*	4.00571211×10^{4}	$K_\wedge$	$K_\wedge$	$c^2\sqrt{hc}$
Potential Difference ∇_*	2.69440024×10^{25}	$\nabla_\wedge$	$\sqrt{mkg}\,m s^{-2}$	c^3
Acceleration a_*	1.81236007×10^{46}	$m\ s^{-2}$	$m\ s^{-2}$	$c^3\sqrt{c/h}$
Magnetic Inductance B_*	1.81236007×10^{46}	$A_\wedge m^{-1}$	$m\ s^{-2}$	$c^3\sqrt{c/h}$
Magnetic Field H_*	2.21841235×10^{51}	$A_\wedge m^{-1}$	$m\ s^{-2}$	$c^3\sqrt{c/h\lvert G\rvert}$
Force F_*	8.07760871×10^{33}	N	$m\ kg\ s^{-2}$	c^4
Electric Field ξ_*	5.43331879×10^{54}	$\nabla_\wedge m^{-1}$	$\sqrt{mkg}\ m^{-2}s^{-2}$	$c^4\sqrt{c/h}$
Viscosity η_*	5.43331879×10^{54}	$P_a s$	$m^{-1}kg\ s^{-1}$	$c^4\sqrt{c/h}$
Mass Density ρ_*	3.65466491×10^{75}	$kg\ m^{-3}$	$kg\ m^{-3}$	c^5/h
Current Density J_*	3.65466491×10^{75}	$A_\wedge m^{-2}$	$\sqrt{mkg}\ m^{-2}s^{-1}$	c^5/h
Power P_*	2.42160617×10^{42}	$J\ s^{-1}$	$m^2 kg\ s^{-3}$	c^5
Pressure p_*	3.28464901×10^{92}	$N\ m^{-2}$	$m^{-1}kg\ s^{-2}$	c^7/h
Energy Density ψ_*	3.28464901×10^{92}	$J\ m^{-3}$	$m^{-1}kg\ s^{-2}$	c^7/h
Charge Q_*	1.48668043×10^{-21}	$C_\wedge$	$\sqrt{mkg}$	$\sqrt{h/c}$
Conductance ς_*	3.33564095×10^{-9}	$\Omega_\wedge^{-1}$	$m^{-1}s$	c^{-1}
Moment $M_* L_*$	2.21021870×10^{-42}	$m\ kg$	$m\ kg$	h/c
Distance L_*	4.95903212×10^{-30}	m	m	$c^{-1}\sqrt{h/c}$
Inductance $\angle_*$	4.95903212×10^{-30}	$H_\wedge$	$\sqrt{mkg}\ m^{-1}s^{-1}$	$c^{-1}\sqrt{h/c}$
Permittivity ε_*	1.36193501×10^{-12}	$F\#m^{-1}$	$m^{-2}s^2$	$c^{-2}\sqrt{\lvert G\rvert}$
Time T_*	1.65415506×10^{-38}	s	s	$c^{-2}\sqrt{h/c}$
Area A_*	2.45919996×10^{-59}	m^2	m^2	h/c^3
Volume V_*	1.21952516×10^{-88}	m^3	m^3	$h\ \sqrt{h/c}/c^4$

Table 2. Values of the q_{e^*} set of properties

Property X_{e^*}	q_{e^*} DAPU set's NSI Value	NSI Units	DAPU equivalent	As Constants
Permeability u_{e^*}	$\sqrt{6.67428\times10^{-11}}$	$N\ A^{-2}$	none	$\sqrt{\lvert G\rvert}$
Boltzmann's Constant k_B	none	$J\ K_{\wedge}^{-1}$	none	none
Angular Momentum h	6.62606896×10^{-34}	$J\ s$	$m^2 kg\ s^{-1}$	h
Mass m_{e^*}	1.30781284×10^{-11}	kg	kg	$d^{-1}\sqrt{hc}$
Magnetic Flux ϕ_{e^*}	1.30781284×10^{-11}	$W_{\wedge}$	$\sqrt{mkg}\,m\,s^{-1}$	$d^{-1}\sqrt{hc}$
Charge-mass $q_{e^*}c$	1.30781284×10^{-11}	$C_{\wedge}m\ s^{-1}$	$\sqrt{mkg}\,m\,s^{-1}$	$d^{-1}\sqrt{hc}$
Velocity v_{e^*}	2.58128076×10^{11}	$m\ s^{-1}$	$m\ s^{-1}$	$d^{-2}c$
Resistance R_{e^*}	2.58128076×10^{11}	$\Omega_{\wedge}$	$m\ s^{-1}$	$d^{-2}c$
Momentum $m_{e^*}v_{e^*}$	3.37583212×10^{00}	$m\ kg\ s^{-1}$	$m\ kg\ s^{-1}$	$d^{-3}c\sqrt{hc}$
Current i_{e^*}	6.66301034×10^{22}	$A_{\wedge}$	$\sqrt{mkg}\ s^{-1}$	$d^{-4}c^2$
Action m_{e^*}/L_{e^*}	6.66301034×10^{22}	$m^{-1}kg$	$m^{-1}kg$	$d^{-4}c^2$
Angular Frequency w_{e^*}	1.31510410×10^{45}	Hz	s^{-1}	$d^{-5}c^2\sqrt{c/h}$
Frequency f_{e^*}	1.31510410×10^{45}	Hz	s^{-1}	$d^{-5}c^2\sqrt{c/h}$
Energy E_{e^*}	8.71397049×10^{11}	J	$m^2 kg\ s^{-2}$	$d^{-5}c^2\sqrt{hc}$
Temperature K_{e^*}	8.71397049×10^{11}	$K_{\wedge}$	$K_{\wedge}$	$d^{-5}c^2\sqrt{hc}$
Potential Difference ∇_{e^*}	1.71991004×10^{34}	$\nabla_{\wedge}$	$\sqrt{mkg}\,m\,s^{-2}$	$d^{-6}c^3$
Acceleration a_{e^*}	3.39465292×10^{56}	$m\ s^{-2}$	$m\ s^{-2}$	$d^{-7}c^3\sqrt{c/h}$
Magnetic Inductance B_{e^*}	3.39465292×10^{56}	$A_{\wedge}m^{-1}$	$m\ s^{-2}$	$d^{-7}c^3\sqrt{c/h}$
Magnetic Field H_{e^*}	4.15521180×10^{61}	$A_{\wedge}m^{-1}$	$m\ s^{-2}$	$d^{-7}c^3\sqrt{c/h\lvert G\rvert}$
Force F_{e^*}	4.43957068×10^{45}	N	$m\ kg\ s^{-2}$	$d^{-8}c^4$
Electric Field ξ_{e^*}	8.76255225×10^{67}	$\nabla_{\wedge}m^{-1}$	$\sqrt{mkg}\ m^{-2}s^{-2}$	$d^{-9}c^4\sqrt{c/h}$
Viscosity η_{e^*}	8.76255225×10^{67}	$P_a s$	$m^{-1}kg\ s^{-1}$	$d^{-9}c^4\sqrt{c/h}$
Mass Density ρ_{e^*}	1.72949881×10^{90}	$kg\ m^{-3}$	$kg\ m^{-3}$	$d^{-10}c^5/h$
Current Density J_{e^*}	1.72949881×10^{90}	$A_{\wedge}m^{-2}$	$\sqrt{mkg}\ m^{-2}s^{-1}$	$d^{-10}c^5/h$
Power P_{e^*}	1.14597784×10^{57}	$J\ s^{-1}$	$m^2 kg\ s^{-3}$	$d^{-10}c^5$
Pressure p_{e^*}	1.15236684×10^{113}	$N\ m^{-2}$	$m^{-1}kg\ s^{-2}$	$d^{-14}c^7/h$
Energy Density ψ_{e^*}	1.15236684×10^{113}	$J\ m^{-3}$	$m^{-1}kg\ s^{-2}$	$d^{-14}c^7/h$
Charge q_{e^*}	5.06652691×10^{-23}	$C_{\wedge}$	$\sqrt{mkg}$	$d\sqrt{h/c}$
Conductance ς_{e^*}	3.87404585×10^{-12}	$\Omega_{\wedge}^{-1}$	$m^{-1}s$	d^2c^{-1}
Moment $m_{e^*}L_{e^*}$	2.56696950×10^{-45}	$m\ kg$	$m\ kg$	d^2h/c
Distance L_{e^*}	1.96279576×10^{-34}	m	m	$c^{-1}\sqrt{h/c}$
Inductance $\angle_{e^*}$	1.96279576×10^{-34}	$H_{\wedge}$	$\sqrt{mkg}\ m^{-1}s^{-1}$	$d^3c^{-1}\sqrt{h/c}$
Permittivity ε_{e^*}	1.83707675×10^{-18}	$F\#m^{-1}$	$m^{-2}s^2$	$d^4c^{-2}\sqrt{\lvert G\rvert}$
Time T_{e^*}	7.60396075×10^{-46}	s	s	$d^5c^{-2}\sqrt{h/c}$
Area A_{e^*}	3.85256718×10^{-68}	m^2	m^2	d^6h/c^3
Capacitance C_{e^*}	2.94580926×10^{-57}	$F\#$	$m^{-1}s^2$	$d^7c^{-3}\sqrt{h/c}$
Volume V_{e^*}	$7.56180251\times10^{-102}$	m^3	m^3	$d^9h\sqrt{h/c}/c^4$

Table 3. How to translate between SI and DAPU NSI units

Property NSI	Property	DAPU value	DAPU factor X_*	SI value for Planck unit	SI Name
6.62606896×10^{-34}	h	h	2π	1.0545716×10^{-34}	$\hbar$
4.45695580×10^{-13}	M_*	$\sqrt{hc}$	$\sqrt{2\pi G}$	2.1764374×10^{-8}	M_{planck}
1.48668043×10^{-21}	Q_*	$\sqrt{h/c}$	$\sqrt{1\times10^{-7}}$	4.7012963×10^{-18}	Q_{planck}
5.06652691×10^{-23}	q_{e*}	$\sqrt{\alpha/2\pi}\sqrt{h/c}$	$\sqrt{1\times10^{-7}}$	1.6021765×10^{-19}	e
4.95903212×10^{-30}	L_*	$\sqrt{h/c^3}$	$\sqrt{2\pi/G}$	1.6162525×10^{-35}	L_{planck}
none	G	none	none	6.67428×10^{-11}	G
2.99792458×10^{8}	c	c	1	2.99792458×10^{8}	c
2.58128076×10^{11}	R_{e*}	$2\pi c/\alpha$	1×10^{7}	2.58128076×10^{4}	R_k
1.52927081×10^{11}	$2/\phi_{e*}$	$2\sqrt{\alpha/(2\pi hc)}$	$\sqrt{1\times10^{-7}}$	4.83597891×10^{14}	K_j

Table 4. Comparison of the parameterisation of properties at each power of ϑ

1	2	3	4	5	6	7	8	9
X_{eT} mass set as powers of ϑ	Mass Parameter (Accepted)	Mass Formula	X_{eT} qc set as powers of ϑ	Charge Parameter (Proposed)	Charge (qc) Formula	X_{eT} q set as powers of ϑ	Charge Parameter (Implied by grouping without c, but incorrect)	Charge (q) Formula
0	Angular Momentum	mvL	0	Magnetic moment x2/c	$qcvL$	-2	Magnetic moment x2	qvL
1	Mass	m	1	Magnetic Flux	qc	-1	Charge	q
2	Velocity	$m\ L^{-2}T$	2	Resistance	$qc\ L^{-2}T$	0	Resistance	$q\ L^{-2}T$
3	Momentum	mv	3	-	qcv	1	-	qv
4	Action	m/L	4	Current	qc/L	2	Current	q/L
5	Energy	$m\ v^2$	5	Energy	$qc\ v^2$	3	Energy	$q\ v^2$
6	-	mv/L	6	Potential Difference	qcv/L	4	Potential Difference	qv/L
7	Acceleration	$m\ L^{-2}$	7	Magnetic Inductance	$qc\ L^{-2}$	5	Magnetic Inductance	$q\ L^{-2}$
7	Acceleration	$m\ L^{-2}$	7	Magnetic Field	$qc\ L^{-2}/\sqrt{\lvert G\rvert}$	5	Magnetic Field	$q\ L^{-2}/\sqrt{\lvert G\rvert}$
8	Force	$m\ v^2/L$	8	Force	$qc\ v^2/L$	6	Force	$q\ v^2/L$
9	Shear Viscosity	$m\ v\ L^{-2}$	9	Electric Field	$qc\ v\ L^{-2}$	7	Electric Field	$q\ v\ L^{-2}$
10	Mass Density	$m\ L^{-3}$	10	Current Density	$qc\ L^{-3}$	8	Current Density	$q\ L^{-3}$
11	Luminance	$m\ T^{-2}$	11	-	$qc\ T^{-2}$	9	-	$q\ T^{-2}$
12	Kinetic viscosity	$m\ v\ L^{-3}$	12	-	$qc\ v\ L^{-3}$	10	-	$q\ v\ L^{-3}$
13	Intensity	$m\ v\ T^{-2}$	13	-	$qc\ v\ T^{-2}$	11	-	$q\ v\ T^{-2}$
14	Pressure	$m\ v^2L^{-3}$	14	-	$qc\ v^2L^{-3}$	12	-	$q\ v^2L^{-3}$
15	**Undiscovered**	$m\ v^2T^{-2}$	15	**Undiscovered**	$qc\ v^2T^{-2}$	13	-	$q\ v^2T^{-2}$
16	Radiance	$m\ T^{-3}$	16	-	$qc\ T^{-3}$	14	-	$q\ T^{-3}$
-1	-	m/v	-1	Charge mass	qc/v	-3	-	q/v
-2	Moment	mL	-2	Conductance	qcL	-4	Conductance	qL
-3	Distance	$m\ /v^2$	-3	Inductance	$qc\ /v^2$	-5	Inductance	$q\ /v^2$
-4	-	mT	-4	Permittivity	$qcT/\sqrt{\lvert G\rvert}$	-6	Permittivity	$qT/\sqrt{\lvert G\rvert}$
-5	Time	$m\ L^2$	-5	Time	$qc\ L^2$	-7	Time	$q\ L^2$
-6	Area	mT/v	-6	Area	qcT/v	-8	Area	qT/v
-7	-	mTL	-7	Capacitance	$qcTL$	-9	Capacitance	qTL
-8	**Undiscovered**	$m\ L^3$	-8	**Undiscovered**	$qc\ L^3$	-10	-	$q\ L^3$
-9	Volume	mTL/v	-9	Volume	$qcTL/v$	-11	Volume	qTL/v

Table 5. Values of parameters in BNSI, ratios of *c* and *d* and powers of ϑ

Parameter X_{-}	X_T TAPU set's BNSI Value	X_{eT} TAPU set's BNSI Value	X_T as Constants	X_{eT} as Constants	BNSI Units (h-adjusted)	X_{eT} set as powers of ϑ
Permeability u_{-}	$\sqrt{6.67428\times10^{-11}}$	$\sqrt{6.67428\times10^{-11}}$	$\sqrt{\lvert G\rvert}$	$\sqrt{\lvert G\rvert}$	$N\ A^{-2}$	ϑ^{0}
Boltzmann's Constant k_B	none	none	none	none	$J\ K_{\wedge}^{-1}$	ϑ^{0}
Angular Momentum h	none	none	none	none	$J\ s$	ϑ^{0}
Mass M_{-}	1.73145158×10^{04}	5.08063063×10^{5}	$(\sqrt{c})^{1}$	$d^{-1}(\sqrt{c})^{1}$	kg	ϑ^{1}
Magnetic Flux ϕ_{-}	1.73145158×10^{04}	5.08063063×10^{5}	$(\sqrt{c})^{1}$	$d^{-1}(\sqrt{c})^{1}$	$W_{\wedge}$	ϑ^{1}
Charge-mass Q_{-c}	1.73145158×10^{04}	5.08063063×10^{5}	$(\sqrt{c})^{1}$	$d^{-1}(\sqrt{c})^{1}$	$C_{\wedge}m\ s^{-1}$	ϑ^{1}
Velocity v_{-}	2.99792458×10^{08}	2.58128076×10^{11}	$(\sqrt{c})^{2}$	$d^{-2}(\sqrt{c})^{2}$	$m\ s^{-1}$	ϑ^{2}
Resistance R_{-}	2.99792458×10^{08}	2.58128076×10^{11}	$(\sqrt{c})^{2}$	$d^{-2}(\sqrt{c})^{2}$	$\Omega_{\wedge}$	ϑ^{2}
Momentum $M_{-}v_{-}$	5.19076126×10^{12}	1.31145341×10^{17}	$(\sqrt{c})^{3}$	$d^{-3}(\sqrt{c})^{3}$	$m\ kg\ s^{-1}$	ϑ^{3}
Current i_{-}	8.98755179×10^{16}	6.66301034×10^{22}	$(\sqrt{c})^{4}$	$d^{-4}(\sqrt{c})^{4}$	$A_{\wedge}$	ϑ^{4}
Action M_{-}/L_{-}	8.98755179×10^{16}	6.66301034×10^{22}	$(\sqrt{c})^{4}$	$d^{-4}(\sqrt{c})^{4}$	$m^{-1}kg$	ϑ^{4}
Angular Frequency w_{-}	1.55615108×10^{21}	3.38522944×10^{28}	$(\sqrt{c})^{5}$	$d^{-5}(\sqrt{c})^{5}$	Hz	ϑ^{5}
Frequency f_{-}	1.55615108×10^{21}	3.38522944×10^{28}	$(\sqrt{c})^{5}$	$d^{-5}(\sqrt{c})^{5}$	Hz	ϑ^{5}
Energy E_{-}	1.55615108×10^{21}	3.38522944×10^{28}	$(\sqrt{c})^{5}$	$d^{-5}(\sqrt{c})^{5}$	J	ϑ^{5}
Temperature K_{-}	1.55615108×10^{21}	3.38522944×10^{28}	$(\sqrt{c})^{5}$	$d^{-5}(\sqrt{c})^{5}$	$K_{\wedge}$	ϑ^{5}
Potential Difference ∇_{-}	2.69440024×10^{25}	1.71991004×10^{34}	$(\sqrt{c})^{6}$	$d^{-6}(\sqrt{c})^{6}$	$\nabla_{\wedge}$	ϑ^{6}
Acceleration a_{-}	4.66522356×10^{29}	8.73822761×10^{39}	$(\sqrt{c})^{7}$	$d^{-7}(\sqrt{c})^{7}$	$m\ s^{-2}$	ϑ^{7}
Magnetic Inductance B_{-}	4.66522356×10^{29}	8.73822761×10^{39}	$(\sqrt{c})^{7}$	$d^{-7}(\sqrt{c})^{7}$	$A_{\wedge}m^{-1}$	ϑ^{7}
Magnetic Field H_{-}	5.71044889×10^{34}	1.06959938×10^{45}	$(\sqrt{c})^{7}/\sqrt{\lvert G\rvert}$	$d^{-7}(\sqrt{c})^{7}/\sqrt{\lvert G\rvert}$	$A_{\wedge}m^{-1}$	$\vartheta^{7}/\sqrt{\lvert G\rvert}$
Force F_{-}	8.07760871×10^{33}	4.43957068×10^{45}	$(\sqrt{c})^{8}$	$d^{-8}(\sqrt{c})^{8}$	N	ϑ^{8}
Electric Field ξ_{-}	1.39859884×10^{38}	2.25558188×10^{51}	$(\sqrt{c})^{9}$	$d^{-9}(\sqrt{c})^{9}$	$\nabla_{\wedge}m^{-1}$	ϑ^{9}
Viscosity η_{-}	1.39859884×10^{38}	2.25558188×10^{51}	$(\sqrt{c})^{9}$	$d^{-9}(\sqrt{c})^{9}$	$P_a s$	ϑ^{9}
Mass Density ρ_{-}	2.42160617×10^{42}	1.14597784×10^{57}	$(\sqrt{c})^{10}$	$d^{-10}(\sqrt{c})^{10}$	$kg\ m^{-3}$	ϑ^{10}
Current Density J_{-}	2.42160617×10^{42}	1.14597784×10^{57}	$(\sqrt{c})^{10}$	$d^{-10}(\sqrt{c})^{10}$	$A_{\wedge}m^{-2}$	ϑ^{10}
Power P_{-}	2.42160617×10^{42}	1.14597784×10^{57}	$(\sqrt{c})^{10}$	$d^{-10}(\sqrt{c})^{10}$	$J\ s^{-1}$	ϑ^{10}
Pressure p_{-}	2.17643109×10^{59}	7.63566217×10^{79}	$(\sqrt{c})^{14}$	$d^{-14}(\sqrt{c})^{14}$	$N\ m^{-2}$	ϑ^{14}
Energy Density ψ_{-}	2.17643109×10^{59}	7.63566217×10^{79}	$(\sqrt{c})^{14}$	$d^{-14}(\sqrt{c})^{14}$	$J\ m^{-3}$	ϑ^{14}
Charge Q_{-}	5.77550080×10^{-5}	1.96825960×10^{-6}	$(\sqrt{c})^{-1}$	$d^{1}(\sqrt{c})^{-1}$	$C_{\wedge}$	ϑ^{-1}
Conductance ς_{-}	3.33564095×10^{-9}	3.87404585×10^{-12}	$(\sqrt{c})^{-2}$	$d^{2}(\sqrt{c})^{-2}$	$\Omega_{\wedge}^{-1}$	ϑ^{-2}
Moment $M_{-}L_{-}$	3.33564095×10^{-9}	3.87404585×10^{-12}	$(\sqrt{c})^{-2}$	$d^{2}(\sqrt{c})^{-2}$	$m\ kg$	ϑ^{-2}
Distance L_{-}	1.92649970×10^{-13}	7.62512793×10^{-18}	$(\sqrt{c})^{-3}$	$d^{3}(\sqrt{c})^{-3}$	m	ϑ^{-3}
Inductance $\angle_{-}$	1.92649970×10^{-13}	7.62512793×10^{-18}	$(\sqrt{c})^{-3}$	$d^{3}(\sqrt{c})^{-3}$	$H_{\wedge}$	ϑ^{-3}
Permittivity ε_{-}	1.36193501×10^{-12}	1.83707675×10^{-18}	$(\sqrt{c})^{-4}/\sqrt{\lvert G\rvert}$	$d^{4}(\sqrt{c})^{-4}/\sqrt{\lvert G\rvert}$	$F_{\#}m^{-1}$	$\vartheta^{-4}/\sqrt{\lvert G\rvert}$
Time T_{-}	6.42611129×10^{-22}	2.95400952×10^{-29}	$(\sqrt{c})^{-5}$	$d^{5}(\sqrt{c})^{-5}$	s	ϑ^{-5}
Area A_{-}	3.71140109×10^{-26}	5.81425760×10^{-35}	$(\sqrt{c})^{-6}$	$d^{6}(\sqrt{c})^{-6}$	m^2	ϑ^{-6}
Capacitance C_{-}	2.14352000×10^{-30}	1.14439683×10^{-40}	$(\sqrt{c})^{-7}$	$d^{7}(\sqrt{c})^{-7}$	$F_{\#}$	ϑ^{-7}
Volume V_{-}	7.15001309×10^{-39}	4.43344580×10^{-52}	$(\sqrt{c})^{-9}$	$d^{9}(\sqrt{c})^{-9}$	m^3	ϑ^{-9}