

**Table II: Correlations between basic, simple & complex physical variables**

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		hendeca-complex (self-)adaptive radiation										
		octa-complex radiation								tri-complex energetic (self-)adaptability		
		tetra-complex radiational energy				tetra- radiational plasticity						
		bi-complex static~dynamic energy		bi-complex gravistring-like energy		bi-complex plastic events		bi-complex plastic states				
		mono-complex physical core networks										
static energy	dynamic energy	gravity-like energy	string-like energy	particle	process	actual state	virtual states	energetic appearance	type I	type II		
<b>Absolutist basic physical variables</b>												
0D,0d-abs. mass	(m)	+	+	+	+	+	-	+	+	+	+	+
0D,0d-abs. temp.	(T)	+	+	+	+	-	+	+	+	+	+	+
3D-space volume	(l <sup>3</sup> )	+	-	+	+	+	+	+	+	+	+	+
3d-time volume	(t <sup>3</sup> )	-	+	+	+	+	+	+	+	+	+	+
<b>Relativist basic &amp; simple energetic variables</b>												
0D,0d-rel. mass	(m//T)	+	+	+	+	-	-	-	-	+	-	-
0D,0d-rel. temp.	(T//m)	+	+	+	+	-	-	-	-	+	-	-
0D,0d-rel. energy	((m//T) ~ (T//m))	+	+	+	+	-	-	-	-	+	-	-
<b>Relativist basic &amp; simple spacetime variables</b>												
(3D//3d)-speed	(l <sup>3</sup> //t <sup>3</sup> )	-	-	-	-	+	+	+	+	+	-	-
3d/3D-travel time	(t <sup>3</sup> //l <sup>3</sup> )	-	-	-	-	+	+	+	+	+	-	-
3D,3d-spacetime plasticity	(l <sup>3</sup> //t <sup>3</sup> ) ~ (t <sup>3</sup> //l <sup>3</sup> )	-	-	-	-	+	+	+	+	+	-	-
<b>Relativist basic &amp; simple structural variables</b>												
3D-mat. field density	(m//l <sup>3</sup> )	+	-	+	-	+	-	+	-	-	+	-
3D-mat. field size	(l <sup>3</sup> //m)	+	-	+	-	+	-	+	-	-	+	-
3d- rel. mat. field structure	((m//l <sup>3</sup> ) ~ (l <sup>3</sup> //m))	+	-	+	-	+	-	+	-	-	+	-
<b>Relativist basic &amp; simple functional variables</b>												
3d-thermal flow rate	(T//t <sup>3</sup> )	-	+	-	+	-	+	-	+	-	+	-
3d-thermal process time	(t <sup>3</sup> //T)	-	+	-	+	-	+	-	+	-	+	-
3d-rel. thermal function	((T//t <sup>3</sup> ) ~ (t <sup>3</sup> //T))	-	+	-	+	-	+	-	+	-	+	-
<b>Relativist basic &amp; simple chemical, i.e. material reactivity variables</b>												
3d-material conversion rate	(m//t <sup>3</sup> )	-	+	+	-	+	-	-	+	-	-	+
3d-material conservation time	(t <sup>3</sup> //m)	-	+	+	-	+	-	-	+	-	-	+
3d- rel. material reactivity	((m//t <sup>3</sup> ) ~ (t <sup>3</sup> //m))	-	+	+	-	+	-	-	+	-	-	+
<b>Relativist basic &amp; simple thermostatic potential variables</b>												
3D-therm. field charge	(T//l <sup>3</sup> )	+	-	-	+	-	+	-	+	-	-	+
3D-thermal field size	(l <sup>3</sup> //T)	+	-	-	+	-	+	-	+	-	-	+
3D-rel. thermal potential	((T//l <sup>3</sup> ) ~ (l <sup>3</sup> //T))	+	-	-	+	-	+	-	+	-	-	+

Legend: m = mass (SI: kg); T = temp. (SI: K); l<sup>3</sup> = space volume (SI: m<sup>3</sup>); t<sup>3</sup> = time volume (SI: s<sup>3</sup>); (..) = semantically non-reducible abs. basic variable; (.../...) = idem rel. basic variable; (...-...) = idem abs. simple variable; 0D,0d- = not (yet) ordered; 3D- = spatial, i.e. multi-positional; 3d- = temporal, i.e. multi-directional.