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Subject: Postludes Series – Postlude VII: 'The Dialectic of the Dialectic Itself'.

Dear www.dialectics.org Webmaster,

Greetings to you from [Foundation Encyclopedia Dialectica](http://www.dialectics.org)!

Background. This letter contains **Postlude VII** of the series of postludes to the recently-published Volume **0** of the major new manifesto by [Foundation Encyclopedia Dialectica](http://www.dialectics.org), entitled: 'A Dialectical "Theory of Everything" – Meta-Genealogies of the Universe and of Its Sub-Universes: A Graphical Manifesto'.

The title of this Postludes Series is: '**Portents and 'Pre-Vestiges' of a Marxian, Immanent Critique of the Ideology in Modern, 'Mathematico-Science' as a Totality**'.

This series, as did its predecessor, Preludes series, excerpts contents from **Chapter –1** of that manifesto, the Chapter entitled: '**Elements of the [Psycho-]Historical 'Mystery of The Dialectic' and a Tapestry of Clues Toward Solution of that Mystery.'**

This **7th Postlude** is entitled: '**The Dialectic of the Dialectic Itself'.**

It uses electromagnetic-spectrum visible colors order – **red, orange, yellow, green, blue, indigo, violet** – to highlight **qualitative ordinalities**.

Postlude VII: The Dialectic of the Dialectic Itself

Missing in so many discussions of "**dialectic**" in general, and not only in the Marxian tradition, but even in the Hegelian tradition, and in the Platonian tradition as well, is a clear definition of the term "**dialectic**" itself.

Therefore, in keeping with the admonitions of no less than [Plato's] Socrates himself, regarding the need for clear definitions if dialogue and discussion are to prove productive, we have set forth our definitions of "**dialectic**" – of both its several «**species**», and of its single «**genos**» -- in considerable detail, below.

Indeed, since our definition of "**dialectics-in-«gene»-ral**" takes the form of a «**genos**»/«**species**» 'content-structure', it constitutes, in terms of the Platonian dialectical tradition, an «**arithmos eidetikos**» for the «**genos**» "**dialectics**", albeit as a **trans**-Platonic «**arithmos**», or «**assemblage**», of categorial **units**, i.e., of '**ideo-«monads**', posited, in terms of their provenance, as located in the **dynamical** and "**meta-dynamical**", '**self-evolutionizing**' and '**self-revolutionizing**' **human phenome**, rather than in some Parmenidean, eternal, immutable, transcendental "causal plane" heaven. That is, it constitutes a '**Dialectic of the Dialectic Itself**'.

A variant of texts/formulae/graphics «**monad**» # **75** of our book -- '**A Dialectical "Theory of Everything" – Meta-Genealogies of the Universe and of Its Sub-Universes: A Graphical Manifesto**' -- is reproduced below, as a '**phono-ideo-picto-graphic**' illustration of our «**arithmos eidetikos**» of «**genos dialektike**»:

Definition: Dialectic-in-General. The «**Genos**» of Dialectic – 'Dialectic-in-Gener-al' -- is that of 'Qualo-Fractal ontological content-structures', 'Qualo-Peanic' progressions of scales, levels, stages, or epochs, etc., in the form of 'archeonic consecua' of such scales, launching from known starting-scales, or «arché», such that each successor-scale is an «aufheben», or 'self-«aufheben»', concurrent termination, conservation, and elevation of its immediate predecessor-scale, and in which each scale is similar to every other scale, forming, as a whole, 'content-structures' characterized by qualitative self-similarity at all scales.

Scales populate as a progression of initially new and unprecedented ontic categories, or kinds, of «arithmoi»-of-«monads», i.e., of "numbers-of-units / numbers-of-individuals".

These units / «monads» are grasped mentally as external 'physio-facts/physio-ontology', and/or as internal-to-mind 'ideo-facts / ideo-ontology'.

The 'Qualo-Fractal content-structure' that these «monads» diachronically construct, and/or synchronically, embody may be grasped as a .../ «genos» / «species» /... taxonomy, one which embodies a systematic(s) ordering / immanent classification of the «arché»-scale and of its scales 'meta-progeny', and of which the 'content-structure' depicted above is an instance.

The «aufheben» action-initiating agency, or 'subject-ivity', that engenders such 'content-structures', is the collective agency of the «monads» of each scale-«arithmos» -- physically, and/or in embodiment by human minds for 'pure ideo-systems' -- grasped as a 'subject-verb-object-identical', i.e., as a 'self-reflexive / self-refluxive eventivity', whose 'self-as-subject / self-as-object self-duality' leads, in the case of 'physio-ontology', first, to its quantitative expanded reproduction, until, second, a critical threshold of density / physical-spatial concentration is breached, irrupting as a qualitative expanded reproduction, in the form of the «aufheben», 'self-hybrid', 'original accumulation' of the successor scale-«arithmos» / collective-of-«monads», which thereby "formally subsumes" its predecessor scale, as well as all previously so self-constructed scales.

The «monads» of this subsuming successor scale are typically 'meta-«monads»' of the «monads» of the predecessor scale.

Each successor scale also tends, next, after its first emergence, to "hybridize" / "synthesize" with its "others" -- with its immediate predecessor scale, and with all other previous scales -- tending to establish its own 'reproductive accumulation', via 'ontological conversion' of some of the «monads» of all previous scales into its own «monads».

This constitutes the 'real subsumption' of all previously-irrupted physio-ontology by the latest, which is also the 'meta-meristematic', or new "vanguard", ontology.

Such 'Qualo-Fractal, scale-regressed/-progressed, self-similar, archeonic-consecutive content-structures' may be traversed, by human attention, either in ascending order, or in descending/reverse order.

Synchronic scales, of already-produced-and/or-self-reproducing systems, are presented in systematic order, in categorical, 'meta-anatomical', 'meta-physiological', self-reproductive order.

Diachronic scales present themselves empirically in chronological order-of-genesis/inclusiveness, i.e., in the actual-historical order-of-appearance / order-of-emergence / order-of-irruption of their constituent 'ontos'.

Definition: Systematic Dialectic.

«**Arché**» category, present-forward from the $\tau = 0$ epoch of **The Historical Dialectic of the Dialectic Itself** --

$$\underline{S}^{2^0} = \underline{S}^1 = \underline{S}$$

Each “**Systematic-dialectic[al]**” model, theory, or account is an «**arithmos**» which has ‘ontological categories’ as its «**monads**», each such category describing/comprehending, at least *implicitly*, the *whole* of the ‘humans-experienced’ system, or “[sub-]totality”, being modeled/theorized/accounted-for, by way of the **recurring** phenomena and processes that are responsible for the *self-continuing existence* – for the sustained “*self-reproduction*” -- of that “sub-totality”/system, ignoring “contingencies” and rare/singular occurrences if they are **not** necessary to the “*self-reproduction*” of that idealized/theorized, **generic** “sub-totality”/system.

These category **units**, or categories-as-«monads», are *organized* -- in a “**Systematic-dialectical**” **presentation** of such a model/theory/account -- into a progressive-cumulative, ‘**Qualo-Peanic**’ **sequence**, starting from the simplest, ‘abstractest’ *comprehensive* such category, and ending with the most “complex”, most “thought-concrete” such category – that final category being the one that *integrates* the largest number of essential *determinations*/phenomena/processes of the system/[sub-]totality whose “*self-reproduction*” is thereby *explained* -- with a monotonically ever-rising gradient of complexity/‘thought-concreteness’ in-between the **first** and the **final** category.

Applied to ‘[human-]natural systems’, these category-units, in effect, all belong to, and constitute an account of, a single **synchronic** cross-section, or “slice”, through the ‘**time**-space/energy-matter **contiguum**’ of the **duration-of-existence** of that system, or “sub-totality”, e.g., a “slice” typically lifted out from the *zenith period* at the *culmination of the ascendant phase* of the self-expanding “*self-reproduction*” of that [sub-]totality, or system.

For this reason, **F.E.D.** also describes “**Systematic dialectics**” as ‘**Synchronic dialectics**’.

“**Systematic dialectics**” is the [**meta**]-«**arithmos**» each of whose **units**, or «**monads**», is such a theorization; is such a *systematically-ordered progression of synchronic cross-sectional such categories*, i.e., is such a model, theory, or account.

Each of the **units** of the «**arithmos**»-category / «**species**»-category named ‘**Synchronic dialectics**’/- “**Systematic dialectics**” is one individual instance of a ‘**Synchronic dialectic**’ / “**Systematic dialectic**”.

Commentary: Systematic Dialectic. ‘**Synchronic dialectics**’ / “**Systematic dialectics**” is the historical «**arché**»-category – the «**arché**»-«**species**» -- of all **dialectic**, born in the human mind at an epoch of slower ‘**temporal acceleration**’, when human society seemed more **static** – or at least more ‘**dynamic-equilibristic**’ – to its human, internal observers, than it did later, and, especially, than it does now.

Indeed, for the original case of the recorded accounts of **dialectic** that are still extant -- that of Plato and [his] Socrates -- only a single “synchronic slice” would ever be needed to be fully representative of the **totality** to be charted, for, at least per the *early* Plato, that **totality** – the **totality** of the causal «**Ιδέα**», the «**Είδη**», or “**The Forms**” – was purportedly an **eternal, immutable, never-changing**, in short, **Parmenidean one**.

The later **systematic dialectics** of, e.g., Hegel, presented the ‘meta-anatomy’ of “synchronic slices” as cut through a **totality** for which change through human-historical time was, to some degree, admitted, at least in the “sphere” of «**Geist**», or of collective human ‘subject-ivity’.

The **systematic-dialectical** aspect of Marx's **method of presentation** in his **Capital: A Critique of Political Economy**, constitutes a further breakthrough -- and, in our opinions, one that is as yet unsurpassed -- in this regard, admitting, to say the least, not only an **historical**, but a '**psychohistorical**', progressive diachronic variation of "synchronic-slice samples" from historical-period to later historical-period.

Definition: Historical Dialectic.

contra-«Arché» category, first irrupted in, and present-forward from, the $\tau = 1$ epoch of '**The Dialectic of the Dialectic Itself**' --

$$\underline{S}^{2^1} = \underline{S}^2 = \underline{S} + \underline{q}_{ss} = \underline{S} + \underline{H}$$

Each "**Historical dialectic[al]**" model, theory, or account, as applied to '**physio-objectivities**' [as opposed to "pure" '**ideo-objectivities**'], is made up out of an «**arithmos**» of «**monads**», such that each such «**monad**» is made up out of a temporally-ordered **sequence** of idealized **synchronic cross-sections**, or "**slices**", each sampled from the "zenith" periods of expanding self-reproduction of each **self-formation** in that << **monad** >>'s **historical sequence** of historically, diachronically, temporally successive '**pre-human-natural-formations**', or, equally, of '**human-natural-formations**' -- i.e., from an **historical sequence** of such systems/[sub-]totalities -- with each such **self-formation** framed as an '**historical-ontological category**', i.e., as forming an 'epochal', ["**historically-specific**"] '**historical «species»**', 'temporal «**species**»', or 'diachronic «**species**»'.

These **formation-categorical sub-units**, or **formation/system categories-as-sub-«monads»**, are **organized** -- in an "**Historical-dialectical**" **discourse** on such a model/theory/account -- in actual, chronological, "genetic", '**meta-genealogical**' [**historical**] order-of-appearance / order-of-emergence / order-of-irruption [which, *if empirically warranted*, will also be presented as a progressive-cumulative, '**Qualo-Peanic**' **sequence**, starting from the least complex such **category** in that **historical series**, also its **historical «arché»**, and ending with the temporally [and temporarily] **final** -- also the most "complex" -- **formation-category** in that **historical series**, also with a generally rising gradient of complexity in-between the **historical «arché»** formation-category, and the **historically final** formation-category in that **historical series**].

Thus, each «**monad**» of an "**Historical dialectic**" is a '**meta-«monad»**', made up out of a heterogeneous multiplicity of "**Systematic-dialectical**", "**synchronic slices**" as its '**sub-«monads»**'.

Each "**Historical dialectic**" is a '**meta-Synchronic dialectic**', or '**Diachronic dialectic**', each one made up out of a heterogeneous multiplicity of "**Systematic dialectics**" -- i.e., of a multiplicity of '**Systematic-dialectical**' '**meta-anatomical**' **synchronic slices**' -- e.g., each taken from the "zenith" period of each **historical formation** in the **formations-s**-**succession** of the **historical series** being theorized **dialectically**.

Each «**monad**» of **Historical Dialectics** is a **diachronic – diachronically-ordered** -- '**meta-«monad»-ization**' of a **sub-«arithmos»** of the «**monads**» of the «**arithmos**» of **Systematic Dialectics**.

For this reason, **F.E.D.** also describes "**Historical dialectics**" as '**Diachronic dialectics**'.

"**Historical Dialectics**" as a whole is that [**meta-**]«**arithmos**» each of whose **units**, or «**monads**», is an "**Historical dialectic**", i.e., each of which is an "**Historical dialectic[al]**" model/theory/account.

Historical-Dialectical theories are essentially chronologies, which may call attention to the **qualitative** disparatenesses – or even the oppositenesses – among the **self-formations** of the **historical series**, e.g., that are evident in the comparison of predecessor and successor **self-formations** in that **historical series**, but do not provide a **systematic** explanation of the causes, rooted in the self-reproductive process **within** each predecessor formation, that, at a certain stage, lead to is **non**-self-reproduction, and to its production of its successor system of self-reproduction.

Commentary: Historical Dialectic.

The irruption of “Historical dialectics” – or of ‘Diachronic dialectics’ -- can be idealized as a noticing, by human observers and theorizers, over time, of the **systematic** – not merely ‘fluxic’, or “chaotic” – **diachronic variations** among temporally-successive “**synchronic slice**” *samplings*, portraying, in successive “snapshot” fashion, the birth, the rise or ascendance, the zenith, the ‘descendence’, the nadir, and the fall of each successive *historical self-formation* – accompanied by, or followed by, the rise of the new, the next, the successor such *self-formation* -- in an *historical, diachronic series* of such *self-formations*.

Definition: Meta-System-atic Dialectic.

“**Complex Unity**” Category, first irrupts in the $\tau = 2$ epoch of ‘The Dialectic of the Dialectic Itself’ --

$$S^{2^2} = S^4 = \underline{S} + \underline{H} + \underline{g}_{HS} + \underline{g}_{HH} = \underline{S} + \underline{H} + \underline{M} + \underline{g}_{HH}$$

Each ‘Meta-System-atic Dialectic’ is a model, theory, or account of an «**arithmos**» of/which has, as its analytical **units** / «**monads**», ‘predecessor-successor **pairs**’ of **systems** / [sub-]totalities -- natural-historical formations, or “pure” “**idea-systems**” [e.g., mathematical **axiomatic systems**].

Each such **unit**, or «**monad**», of a ‘Meta-System-atic Dialectic’ is, essentially, a “**complex unity**” of a minimized Historical-Dialectical unit, or «**monad**», consisting of a **pair** of **units** / «**monads**» of two, distinct “**Systematic Dialectics**” -- namely, of a “zenith” **synchronic** cross-section of the predecessor **system**, and a “zenith” **synchronic** cross-section of its successor **system pair**, constituting also, therefore, a **minimal unit**, or «**monad**», of an “Historical Dialectic”, together with a sufficient multitude of *off-zenith, between-zeniths*, synchronic “slices”, forming the most specific **hybrid** <<**monads**>> of such a Meta-System-atic Dialectic’.

This means, more specifically, that two ‘meta-anatomical’, ‘meta-physiological’ categorial progressions, explaining the *self-reproduction processes* **within** each of two “separate”, diachronically-successive **systems**, now **include**, and, by implication, explain or account for, the inherent, ‘**self-dis-reproductive**’ transition from the predecessor **system** of *self-reproduction* of the **pair**, to the successor **system** of *self-reproduction* of that **pair**.

These ‘predecessor-successor **system pairs**’, are *organized* into, and presented in, their actual chronological, temporal, “genetic”, ‘*meta-genealogical*’ [*historical*] order-of-appearance/order-of-emergence/order-of-irruption [which, *if empirically warranted*, will also be presented as a progressive-cumulative, ‘**Qualo-Peanic succession**’, starting from the least complex such **system** in that *historical series*, and ending with the most “complex” **system** in that *historical series*, & with a generally rising gradient of complexity in-between the two].

The key content of each **pair** is to link the **internal** ‘meta-anatomy’ and ‘meta-physiology’ of the **systematic dialectic** of the predecessor **system** sub-**unit** of each such **pair-unit**, to the irruption -- as a new “out-side” of that predecessor system -- of a new **internal** ‘meta-anatomy’ and ‘meta-physiology’ of the **systematic dialectic** of its successor **system** sub-**unit**, in a way which explains how and why, and at what point in time [i.e., at what point in predecessor **system** [self-]development], the *expanded* [self-]reproduction of the predecessor **system** turns into its own, **internal** [self-]**non-reproduction**, and into the production / “*original accumulation*” of the successor **system**’s incipient new **internal** process of [self-]reproduction, as a new ‘out-side’ to the old the predecessor, system.

I.e., the key objective, for a ‘**meta-system-atic dialectical**’ theory, is to explain/account-for how and why the [self-]*continuation*’ of the predecessor **system**, at a certain stage, becomes its [self-]**dis-continuation**’, and, by an immanent [self-]revolution, births the [self-]*continuation* process of its successor **system**.

For this reason, **F.E.D.** also describes Meta-System-atic Dialectics as ‘**Diachronico-Synchronic Dialectics**’.

'**Meta-System-atic Dialectics**' as a whole is that [meta-]«**arithmos**» each of whose **units**, or «**monads**», is an individual '**meta-system-atic dialectic**', i.e., each of which is a '**meta-system-atic dialectic[al]**' model/theory/account.

Commentary: Meta-System-atic Dialectic.

The theoretical focus of a '**Meta-System-atic Dialectic[al]**' theory/model/account is a '**diachronic meta-system**' -- a temporal [self-]progression of predecessor-system / successor-system pairs, wherein each post-«**arché**» constituent **system** occurs twice, in alternating roles, first as successor-system; second, and, next, as predecessor-system.

'**Meta-System-atic Dialectic(s)**' names the '**Diachronico-Synchronic Dialectic(s)**' of '**dialectical, diachronic meta-systems**', that is, of '**dialectical, temporal, systems self-progressions**'.

These involve the “**meta-dynamics**” of the '**self-meta-evolutions**', and of the transition-creating '**metafinite singularities**' -- i.e., of the '**self-revolutions**' -- of natural-historical predecessor systems, which transform [parts of] themselves into their successor systems by means of self-induced '**self-«aufheben»**' processes.

'**Meta-System-atic Dialectic(s)**' locates the **immanent, synchronic roots of the diachronic**.

It finds the '**self-drive**' producing the very time of the evolution, or self-development, of each predecessor system, as of its revolutionary, epochal transition / self-transformation [in]to its successor system, and that thus also drives this opening into a new / next natural-historical epoch, by driving the predecessor system to “**demote**” [cf. Hegel] itself from within itself, and thus to go out of itself and above itself and beyond itself in forming / “**promoting**” / partially becoming the new, the next -- the '**Qualo-Peanic**' successor -- system.

Definition: Psycho-Historical Dialectic.

2nd **contra-«Arché»** Category, first irrupts in the $\tau = 2$ epoch of '**The Historical Dialectic of the Dialectic Itself**' --

$$S^{2^2} = S^4 = \underline{S} + \underline{H} + \underline{g}_{HS} + \underline{g}_{HH} = \underline{S} + \underline{H} + \underline{M} + \underline{g}_{HH} = \underline{S} + \underline{H} + \underline{M} + \underline{\Psi}$$

Each '**Psycho-Historical Dialectic**' is a model, theory, and/or account of an «**arithmos**» which has, as its analytical **units** / «**monads**», **differing 'Historical-Dialectical'** models, theories, or accounts, for **the same historical succession / sequence** of pre-/extra-human natural, and/or of human-natural [sub-]totalities, **systems**, or self-formations.

The key for any '**psycho-historical dialectical**' model, theory, or account is to account for the **differences** among these **different 'historical-dialectical'** models, theories, and/or accounts of **the same** histories, in terms of the observable **differences** in the total '**psyche-ologies**', including in terms of the “**ideologies**”, as well as of the “**science(s)**”, i.e., in terms of the **differences** in the total '**human- phenome / human-genome complex unities**', of the [different groups of] human[oid] modelers, theorizers, and/or account-givers who produced these [at least partially] disparate models, theories, and/or accounts.

'**Psycho-Historical Dialectics**' as a totality is that [meta-]«**arithmos**» which has each and every so far extant '**psycho-historical dialectical**' model, theory, and/or account among its **units**, or «**monads**».

This [meta-]«**arithmos**» thus grows / changes with historical time, as each **new 'psycho-historical dialectical'** model, theory, or account **unit**, or «**monad**», is created, and, thus, “by definition”, is “non-amalgamatively added” to this [meta-]«**arithmos**», and as **old**, previously-created '**psycho-historical dialectical**' models, theories, and/or accounts **units/«monads**» are revised, or refuted / extinguished / “extincted”.

Likewise, within the [psycho-]historical, “meta-dynamical” movement from “Systematic dialectics” to that plus “Historical dialectics”, then to both plus ‘Meta-system-atic dialectics’, and, concurrently, per this model, also plus ‘Psycho-historical dialectics’, each of these -- eventually fourfold -- component categories, is also “dynamical” in terms of its internal content, or “extensionality”, in a similar way to that in which the category of ‘Psycho-historical dialectics’ is “dynamical”, as noted above.

Commentary: Psycho-Historical Dialectic.

‘Psycho-Historical Dialectic(s)’ is the turning-back upon the theorizers of their activity of theorizing.

It is the historical, collective «karma» of the human[oid] «praxis» of theory-making.

It is the “moment” of the ‘self-refluxion’ and of the ‘self-reflexion’ of theorization.

‘Psycho-Historical Dialectic(s)’ is not only the highest known-to-us extant development of the «Genos» of “Dialectics”, and of the ‘Meta-Pythagorean Universal Theory of Arithmoi’.

It is also the highest extant development of “The Dialectic”, grasped as ‘The Universal Theory of Ineluctable Intra-Duality, and of the Consequences Thereof’.

Subject/Object ‘Intra-Duality’, or ‘Self-Duality’ -- which F.E.D. expresses ideogramically, syntactically, by means of ‘Onto-«Dynamis’, ≡ “self-squaring” of each predecessor ‘self-hybrid Onto’, so as to produce the next -- drives the ‘meta-dynamic’ of ‘onto-dynamasis’, & thus drives “Time” itself.

Subject / Verb / Object ‘Self-Duality’ [or ‘Dialectical, existential, ontological Internal- or Self-Contradiction] – whether internal/mental, or external/physical, or a combination [“complex unity”] of the two -- is the categorial name of the ‘«Gene»-ric’ foundation-source, the true «arché», of all that exists in each epoch, and of all of its [self-]passing(s) / [self-]passage(s).

In the case of ‘Psycho-Historical Dialectic(s)’ «species» of the «Genos» of ‘Dialectic-in-Gen-ral’, this ineluctable ‘intra-duality’ manifests in the internally problematic status of Psycho-Historical theorization of theory-differences themselves, in the inescapable tension between theorizing and explaining the errors in past, mutually-discrepant theories, wrought by ideology, etc., in earlier, less mature phases of the self-development of the human phenome, and recognizing each such Psycho-Historical theory of past errors being itself yet a new expression containing its own theoretical error, owing, e.g., to the deficiencies in the self-development of the human phenome of its own time.

We note here in passing, a point which we plan to elaborate in detail in another context: Marx’s work, e.g., in Capital, volume I, exemplifies all four “moments” of dialectic, and in a well-integrated fashion.

Dialogically yours,

Aoristos Dyosphainthos
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