The Future Economics: Creative Design of the Unified Economic Theory

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Purpose
The evolution of the economic theory can lead to the new understanding of our rapidly changing economic reality. We can understand the ongoing transition to the global civilization and solve the emerging problems via new understanding of emerging global economic reality. The new syntropic economic theory can make possible the overcoming the struggle between individual economic theoretical schools and also can make possible to create the base for the unified economic theory.

Methodological Tools for the Syntropic Economic Theory
The economic theory is the same subject of the evolution as all the other scientific fields. The main stream of the economic theory is the dominant source of the current global crisis of our civilization. The main reason of such state is non-reflection of the societal evolution by the main stream of the economic theory.

The economic theory of main stream is the industrial age economic theory and the ongoing global civilization transformation is connected with the search of the information age economic theory. The main shift in the economic theory therefore will be the transformation of the economic theory on the base of the information age paradigm.

The solution of the current global civilization crisis is interconnected with the creative design of the new syntropic theory of economics. Such theory can support the shift from the entropic character of the current industrial age economy to the new syntropic model of the information age economy.

We have the appropriate methodological tools for such syntropic model of the information age economy in the works and also in the theories of R. Buckminster Fuller, Luigi Fantappie, Albert Szent-Georgyi, Erwin Schrodinger, Ilya Prigogine, Isabelle Stengers, Ossip K. Flechtheim, Robert Rosen, David Bohm, Nicholas Georgescu-Roegen, Alfred Korzybski, Fritjof Capra, Hazel Henderson, Alvin Toffler, Heidi Toffler, Barbara Marx Hubbard, Antonella Vanini, Ulisse Di Corpo, Leon S. Fueth and many others.
Outline of the Syntropic Economic Theory

The new syntropic paradigm of the economic theory is interconnected with redirecting the economic systems towards the future and with overcoming the present split of the economic theory via establishing the unified economic theory. Among main characteristics of the syntropic theory of economics can be following:

- Reorientation of the economic theory and the economic systems towards the future. Implementation of the concept of syntropy into the economic models and the economic theories. Implementation of the long-term horizons into the policymaking with positive impact on the economic reality.
- Understanding the economic theory as a mental map and as a map of economic reality. All economic theories are only mental maps limited in the time and in the space. The plurality and not the struggle is the base for the syntropic theory of economics.
- Understanding the economic laws as evolving similar as the economic reality is evolving. The basic law of the syntropic theory of economics can be the information theory of value instead of the industrial age working theory of value.
- Creative design of economic theory is necessary for the design of economic solutions for the global civilization and the local economies and communities.

Economy as an Anticipatory System

Reorientation of the economic systems towards the future is interconnected with the implementation of the long-term horizons into the economic models, the economic theory and also into the policymaking. Economy has to be transformed into the anticipatory system in the term of Robert Rosen. Economy as evolving system can be understand as a living organism with permanent transformation of its structure, organization, laws etc.

Luigi Fantappiè described concept of the syntropy as the opposite to the entropy. In the year 1942 he published the book Principles of a Unitary Theory of the Physical and Biological World Based on Quantum Mechanics and Special Relativity (Di Corpo, Vannini, 2009). In this book, according to Ulisse Di Corpo and Antonella Vannini, “he showed that retarded waves which diverge from causes located in the past, are governed by the law of entropy (en = apart, tropos = tendency) and correspond to mechanical and chemical phenomena; while advanced waves, which converge towards causes located in the future are governed by a law symmetrical to entropy, which Fantappiè named syntropy (syn = together, tropos = tendency)” (Di Corpo, Vannini, 2009).

Economy as the anticipatory system has to deal with the cause located in the future which are the new attractors forming the economic, the social and the civilization systems.

Leon S. Fuerth created the concept of Forward Engagement (Fuerth, 2006, 2009) which is oriented toward the implementation of the long term horizons into the policymaking and can be the tool of reorientation of the economic and societal systems towards the future. The implementation of the long term perspectives into the policymaking is one of the 15 global challenges of the biggest future oriented project in the world The Millennium Project (Glenn, Gordon, 2010).

Economics as a Mental Map – Plurality of the Economic Theory

The view of the partial economic theories and the economic theoretical schools as partial maps of the economic reality and as the fragmentary views of one undivided reality enables the view of economics as one science consisted of a great number and diversity of partial economic theories, all of which have their own time, space, purpose and limits, and no economic theory is possible to be absolute in any time and any space.

The economic theory is not the economic reality as all theories are only the maps of the reality as described Alfred Korzybski in his works on general semantics (Korzybski, 1995). Economic theory therefore has to be a puzzle of the individual economic theories with the possibility of the innovation or the change of the individual pieces of such puzzle.
Evolution of the Economic Laws – Information Theory of Value

Understanding the economic laws as evolving similar as the economic reality is evolving can incorporate the aspect of the dynamics and the irreversibility in the economic theory. The basic law of the syntropic theory of economics can be the information theory of value. During the industrial age the dominant law of the economics was the working theory of value, which was the subject of the discussions between the various economic theoretical schools. The concepts of entropy and syntropy and their implementation into the economic theory can help the creation of the information theory of value as the main antientropic law of syntropic stage of human evolution. The information is the main source of the value in the information age instead of the work as the main source of the value in the industrial age.

Creative Design of the Economic Theory

Creative design of the economic theory is necessary for the design of the economic solutions for the global civilization. Totalitarization of the economic theory during the period of the communism and also during the last decades of free market utopia show us that the creative design and the new solutions for the global economic system are necessary and the only way from the current global crisis is the design of the new economic system with respect to the higher laws of the nature and the Universe.

The creative design of the economic theory can be the important part of the transition of humankind toward the conscious evolution. The creative design of the economic theory is therefore the conscious design of economic theory and their transformation to a tool of the conscious evolution.

From Entropy to Syntropy – Field Theory of the Economy

We can understand the global economy as a field. The disruption of the field in one area is leading to the instability of the whole global economy. The field theory of economy is the key to the understanding of the current global crisis. The global interdependence is the other view of the global economy as the global field. The turbulences on the financial markets, the security threats, the poverty, the climate change and many other disbalances are the disequilibrium creating processes with global impact on the economies all over the world.

Redefining the basic core of theory of economics on the base of the theory of syntropy according to Luigi Fantappie and R. Buckminster Fuller and implementing the concept of syntropy into the model of economic reality can lead to creation of the new global economic system. According to R. Buckminster Fuller humanity has now reach that critical moment of potential transformation of humans’ affairs from class-two evolution to class-one evolution (Fuller, 1981).

The drive to make money, wrote R. Buckminster Fuller, is inherently entropic, for it seeks to monopolize order while leaving un-cope-with-able disorder to overwhelm others (Fuller, 1981). Mind on the other side is according him essentially anti-entropic (Fuller, 1981). The shift from entropy to syntropy is therefore essential for creating global economic system based on the principles of sustainability.

Evolution as a Change of the Civilization Attractors – Disruptive Forces

The key principle of understanding the civilization change is the view of economy as a dissipate structure, which is dissipating energy, materials and information and creating a new structure of the society and the whole civilization around the civilization attractors in the form of economic productive factors as are soil, work, capital and information and which are determining for the structure and the profile of the economy, the society and the civilization during their evolution.

We can understand the civilization evolution as a change of civilization attractors. We can understand the economic productive factors as the civilization attractors. The change of such attractors in the information age is the main cause of the transformation of the whole civilization around the information and the information networks. The industrial age attractors were work and capital. The information age attractors are information and knowledge. Therefore the new structure of global civilization is network-centric instead of industrial age hierarchic structure.

Economy as an Implicate Order – Hidden Code

The view of the global world economy as one undivided whole, the view of this economy as implicit order and the view of the economic development and the globalization process as holomovement, with using the theory of wholeness and implicate order, which was created by David Bohm (Bohm, 1980, 1995), can help us to understand the processes of the globalization and their impacts on the individual countries and their economies.

Understanding the economy as implicate order according to David Bohm with the hidden code of the civilization in form of the main principles of civilization can show us how the hidden code of the civilization, described by Alvin Toffler (Toffler, 1980, 1990), is changing our economy, society and civilization.

The evolution of the economy is therefore part of the holomovement of the whole civilization. The interdependence of the global economic system and the synchronicity of the economic and societal changes in the individual countries as e.g. in the year 1989, can be understand via the concept of the holomovement and the processes of unfolding the hidden code of civilization in form of the implicate order.

Economy as a Web of Connections – Role and Importance of the Social Capital

The view of the emerging global economy as the challenge and the chance of renewing the original significance of
Ivan Klinec: The Future Economics: Creative Design of the Unified Economic Theory
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economics as the science about the householding and overcoming the alienation of their original significance in the industrial age era is interconnected with the restoration of the social capital enormously damaged during the processes of the globalization.

In the global world economy the man has to be a housekeeper first and a manager, a businessman and a financier second. Therefore the financialization of the global economy has to be changed towards the global economic household of the humanity and the economy can serve as the web of the connections within the communities on all levels and also as the tool for the restoration of the social capital.

The dominant form of the capital in the information age economy therefore has to be the social capital instead of the industrial and the financial capital in the industrial age economy.

**Conclusion**

The design of the syntropic economic theory and the syntropic economic system can lead to syntropic class-one evolution in terms of concept of R. Buckminster Fuller (Fuller, 1981). The design of the syntropic economic theory is at a starting point and must be done by a great number and great diversity of economic thinkers from the whole world from various countries, but the speed of its creation is one of the main preconditions of changing the present direction of humankind toward a sustainable world and toward overcoming the emerging global crises.

**Sources and References**


