

Building Information Society

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Let us discuss the economics evolutionary process using famous “Fire triangle” as it is done in [1]. In the modern world the slogan “Building Information Society” is the key of success for business corporations that are the biggest building blocks of the economics nowadays.

It is clearly seen that Information, Freedom and Money are three key points of the economics for thousands years.
(we do not give definitions to, for example, for Freedom, it is understood in the usual way, like, “Possibility to do something”).

Let us call such economics “Information Society – Rational Mind”.

The corresponding “Fire triangle” is depicted on Pic. 1.

As it is known, in the ancient times the economics evolution process started by moving towards information growth by rationalizing the nature and building its logical explanations and simulations. This is depicted by Up-arrow from Freedom-Money line. Since then people realized the importance of information and the economics development processes always are based on the information growth.

So, the thousands years economics evolution always meant moving up towards Information point on the triangle on Pic. 1.

Nowadays the economics consists of people and devices (robots, mechanisms, computers). More and more the process of communication happens by sending messages to each other. The messages are seen as strings of bits, for example, 11010.

In order to be sure that the message is sent and received without any errors, the original message is attached with some “parity check” bits (see [2] for discussion on the topic) that makes such messages longer. For example, 11010 becomes 110101 telling that there is odd number of 1 in the message.

It is obvious that parity check bits may be transmitted wrongly as well no matter how many bits are added.

One can see that over time such communication process starts to send more and more erroneous messages because at some point the transmitter starts to retransmit errors.

In order to fix the errors, people start to build more and more sophisticated software, coding algorithms, machinery and so on. By this, inevitably multiplying the errors or the amount of information exponentially since those mechanisms or software are built on the same communication principles – send message with parity check.

The move Up becomes faster and faster, resembling the “strange attractor” characteristics.

The “Red line” on the Pic. 1 designates a moment when business companies start to use MDM tool (Master Data Management tool).

MDM tool can be seen as Universal Turing Machine built in the real world (not abstract Turing Machine) since MDM tool can produce (mimic) any existing business software simply entering that software rules into MDM tool (sometimes called Business rules).

MDM tool is created by many software companies already and implemented in many world corporations as a tool to manage errors and duplicates in business data - Customers, Products, Vendors – what business companies faced due to the above mentioned exponential accumulation of errors .

On the top of Pic. 1 (triangle top point) there is UA – Universal Automata, the device that produces copies of itself. This is the logical end of the evolutionary process described above since it is Pure Information producer and consumer. The way people build the economics over thousands years – Manufacture-Consumer.

As one can see by implementing MDM tool, the prototype of UA is already built.

One can see that such UA can do any human functions known so far: write books, music, cure itself, provide clean services, programming, watching TV, drink beer and etc.

As a result of such “Building Information Society” process people loose Freedom. Also, the average prosperity level goes to zero. This can be easily understood if one imagine center of mass in the triangle that is currently located at about MDM point on Pic. 1 (since MDM tool is already implemented by major corporations). Also, the existence of homeless people indicates the same. They have no money and no freedom. They have only information on where to collect the bottles and where to get alcohol or something similar.

On the contrary, one can suggest simple mechanism that will remove the above tendency by re-inventing the wheel – if one invents the word “Love”.

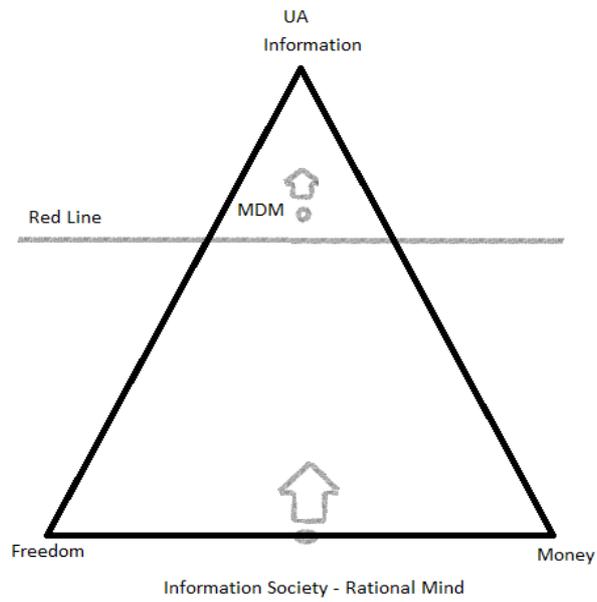
Similar inventions happened many times in the history of people, for example, when people changed the goods exchanging to “money making machine”.

The picture of this economics is depicted on Pic.2. The center of mass is located perfectly in the center of triangle since this will be the natural balance between Information, Freedom and Love. Since there is no Information without Freedom and Love. There is no Freedom without Information and Love. And there is no Love without Information and Freedom.

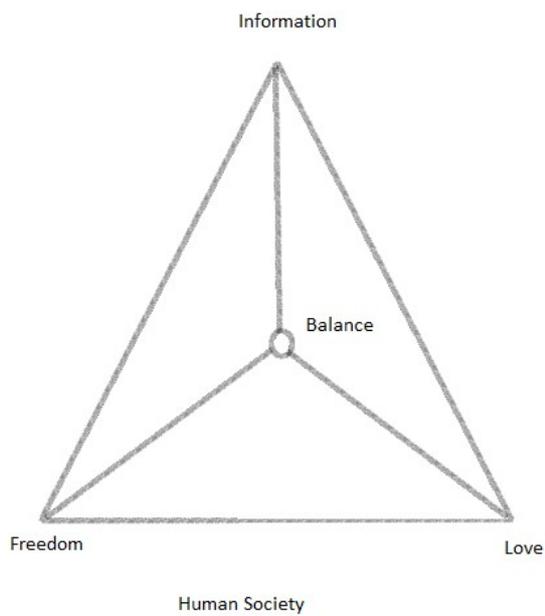
Pic. 1 gives also the explanation how modern economics works in the reality. It is a circular economics that is rotating counter clock-wise direction pumping money-goods in order to squeeze more money. It is rotating because there is a delta in information known to someone who rotates it. Let us call this someone a watcher.

This mechanism is depicted on Pic. 3. On the top there is some good that has the most value, the left edge is another good that has the less value, and on the right edge is the good that has the middle value. Only watcher knows the real value of those goods because he posses the information – owns the delta in information (and of course keeps it secret). So, his act is simply consists of rotating the goods counter clock-wise direction and squeezing the money from this act. By this he makes the illusion of a fair trade. But in fact, as one can see there is no fair trade.

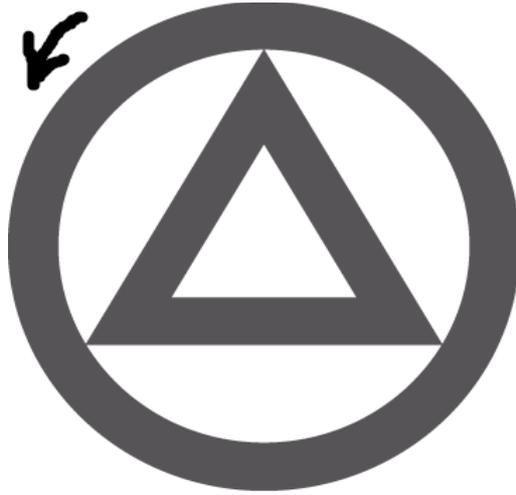
As an example let us recall the first European sailors who used to exchange useless stuff for natural resources like pearls in the middle ages.



Pic 1. Building Information Society – Rational Mind



Pic 2. Human economics



Pic. 3. Circular Economics. Pumping-squeezing mechanism

Literature.

1. W. Albrecht, G. Wernz, T. Williams, Fraud. Bringing light to the Dark Side of Business
2. Richard P. Feynman. Lectures on Computation