



THINKING ABOUT THINKING: START-UP FOR MODERN EDUCATION FOR TOMORROW

Andris Broks

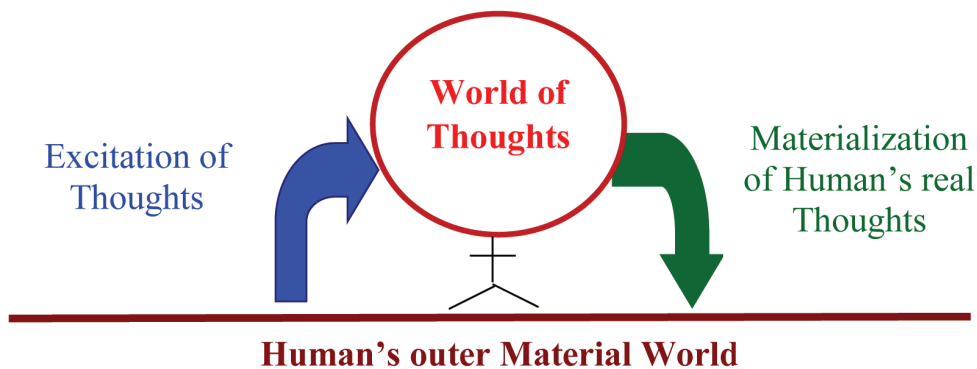
University of Latvia, Latvia

Today it is a period of time when serious changes all around us and within us have started. Today we meet not only local small quantitative changes – reforms, there are also some big changes – transformations are coming up. Started in the 16-th century, revolution of Science and Technologies has introduced today new global scale impact on our life - social sciences as well as humanities have started to play a much more important role within sustainable development of our life and education for tomorrow.

Thinking as spiritual process – brainwork within human nervous system is managing humans' particular life activities as well as human's life as a whole. Thinking about thinking today is becoming start-up activity within the development of our life and education tomorrow. Using other words, **conscious systems thinking today is becoming of very special value** when solving our actual and complex life and education problems. It means that deeper or higher understanding and comprehension of humans' private and society's public spiritual life is becoming our first order task.

Systems Thinking means spiritual activity of humans as reflection of selected them Material World's bodies or phenomena in Human's World of Thoughts.

World and Human: original and reflected World



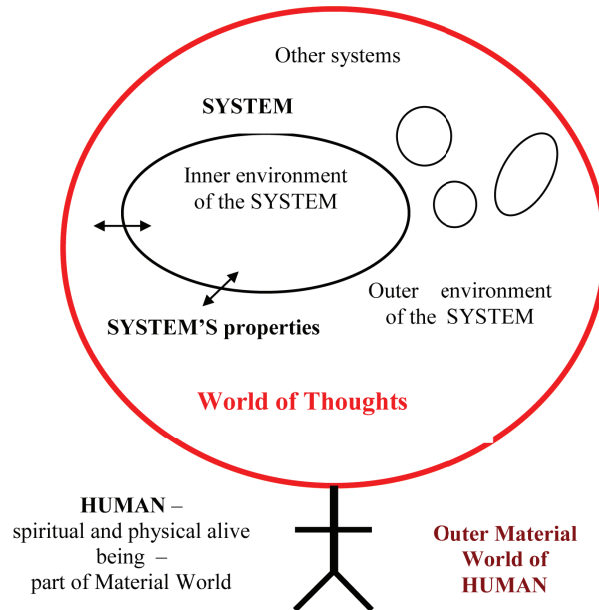
All bodies as Material World phenomena are reflected in Human's world of Thoughts as corresponding SYSTEMS – sets of arranged parts of the whole within the outer environment of other systems.

When reflected in Human's World of Thoughts, all Material World bodies or phenomena are characterized by their properties. Above all there are such universal or general systems' properties:

- **inner** (inside, inward, internal) and **outer** (outside, external) **environment** of bodies/systems;
- **construction** (constitution, build) and **change** of these bodies/systems;
- **structure** as characteristic of mutual placement of system's interconnected parts.

Many other lower hierarchical level properties are following.

SYSTEM is an arranged set of interconnected thoughts within the environment of other systems



Modern Systems Theory is general or fundamental theory of Systems Thinking. There are many applied systems theories like “Systemology of Education”, “Systemology of Scientific Research” etc., what represent implementation of systems theory within concrete branches of our life activities.

Returning back to the beginning of this short introductory note for possible discussion let me once again advocate to pay serious attention to **actual global as well as local need to start thinking much more about the quality of our thinking**. Our science and technology education (STE) for tomorrow must become more systemic by means of better balanced technological and humanitarian education. Today we need to develop more effective joining of our life spiritual and physical activities. It means realization of really **sustainable (balanced and long time) development** of our life and education for tomorrow.

References

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Andris Broks

PhD., Professor Emeritus, University of Latvia, Riga, Latvia.

E-mail: andris.broks@lu.lv

Website: <http://blogi.lu.lv/broks/>