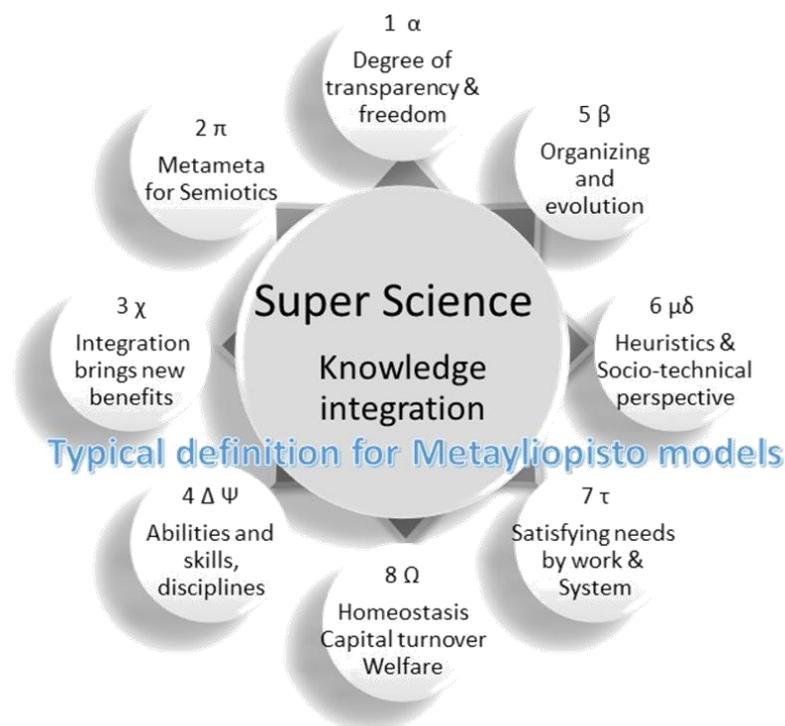


Flexible integration is a prerequisite for the integration of society

The term “super-science” has so far been used in informal expressions to emphasize the unifying importance of disciplines or advances to excellence. I got the idea to create a mission and vision for cybernetics from the theories and descriptions of cybernetics decades ago: “*Cybernetics is the super science of interconnectedness*”.

In this book, Super Science is seen as a means of uniting disciplines in describing information, metadata, and metadata approaching truth and functionality.



Metadata, responsibly designed and analyzed, connects professions and processes as well as companies with their services, as well as with public sector. In the emerging perception, the state should take on the role of an active actor, rather than abandoning the guardian of a deteriorating structure. The Viable Model is almost the best “super” that has ever been created for state-level development.

SuperScience is the 5th book in the *Metayliopisto* series (*Finnish*). The name of the series was originally *Responsible Artificial Intelligence*, now *Responsible Intelligence*. Collective intelligence is emphasized in the new name with the *corona* phenomenon, as well as is the diversity of IT-specific model development in Prolog.

Eki Laitila has invested 10 years in refining the system methodology in practice.

Metayliopisto has a video blog with 300 system models about society, AI, technology, science, practice.

www.metayliopisto.fi/blogi_blog_page



Magic prefixes for Super Science

In the title of the book, *Super Science* promises something significant.

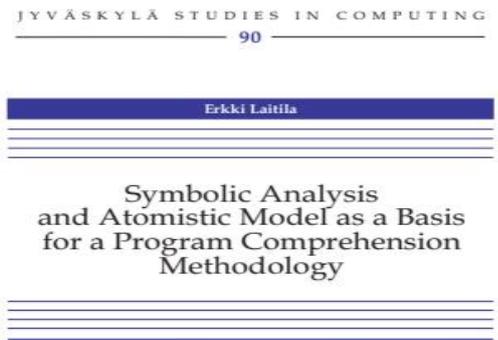
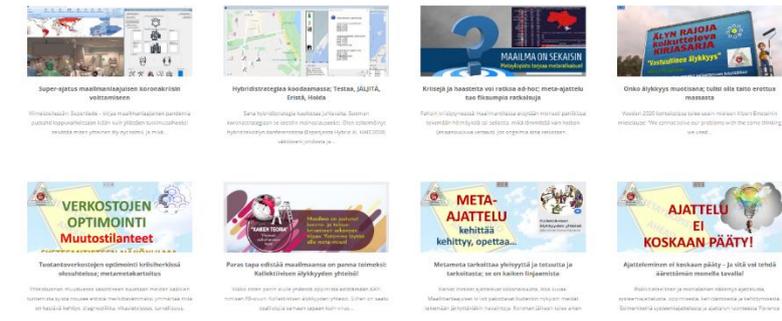
The following auxiliary words will help you fulfill your promise from the most abstract level:

- **Super** means “above” (Latin). In different languages, it means superior.
- **Meta** means “behind”, “with”, “related” (Greece). A meta attachment indicates a concept that is an abstraction of another concept.
- **Cyber** means skillful guidance and administration (Greece). The cyber prefix usually emphasizes broad-based impact, networking, and artificial intelligence.
- **Holarchy** means the connection between holons. Holon (vs. atom) is a hand-bond that is alternately a part and alternately a whole.
- **System** means the connection between a part and a whole. Systeem mythology (Grand Systems Theory) aims to explain the universe.
- **Symbol** means a concept that represents another object so that there is only a contractual connection between them.

The content of the book is largely created in the spirit of **instrumentalism** to combine existing knowledge - to find emergence, that is, new kinds of phenomena, means of learning and communication. Super science is an understanding of science that combines disciplines and different forms of research, with the aim of integration, organization, sustainable development of nature and society with its IT-assisted methods. This is how the idea of superscience is approached.

Cybernetics is a transdisciplinary approach for exploring regulatory systems, their structures, constraints, and possibilities. It is a science of control and communication machines and animals.

The principle of *Responsible Intelligence*, with its videos and publication series, originated in the IT industry, artificial intelligence development, software problem-solving research, and thus in the development of systems methodology and the goal of finding the essence of knowledge.



Knowledge
Systemi

Observation ↔ Reality

Konteksti, Steemi, Symboli, Ratkaisu

Kiitoksia mielenkiinnosta!

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