

A photograph showing a group of people in a forest setting. In the foreground, a man wears a red and black safety helmet and a high-visibility yellow and red vest. Next to him, another man wears a white cap and a grey t-shirt with blue suspenders. Other people are visible in the background, some looking towards the camera and others looking away. The background is a dense forest with green foliage.

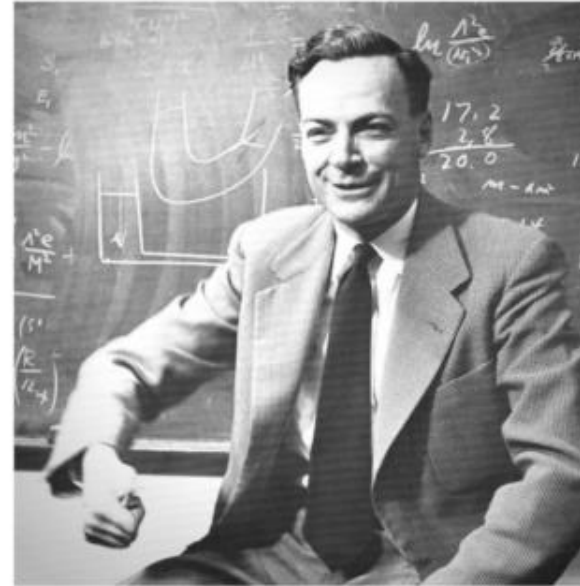
Systemisches Denken & Handeln

Was ist *systems thinking*?

Netzwerktreffen BNE-AA, Glockenhof, ZH, 10.05.2022

Wie können wir Welt überhaupt verstehen? Epistemologie, Metacognition, Limits to perception

"The first principle is
that you must not
fool yourself...
and YOU are the easiest
person to fool."



~ Richard Feynman ~

Quellen:

Rolf Jucker (2021): *Can We Cope with the Complexity of Reality? Why Craving Easy Answers Is at the Root of our Problems. Reflections on science, self-illusions, religion, democracy and education for a viable future.* (Newcastle upon Tyne: Cambridge Scholars Publishing), [Kapitel 2](#).

Melanie Trecek-King: Thinking is Power: Guide to the Most Common Cognitive Biases and Heuristics:

<https://thinkingispower.com/guide-to-the-most-common-cognitive-biases-and-heuristics/>

The Debunking Handbook 2020: [Literatur\Lewandosky et al_Debunking Handbook_2020.pdf](#)

Wie können wir Welt überhaupt verstehen?

Epistemologie, Metacognition, Limits to perception

Notice again that there is no light, touch, or sound entering the brain. None of the perceptions that make up our mental experiences—from the fuzziness of a pet, to the sigh of a friend, to the colors of fall leaves—come through the sensory nerves. The nerves only send spikes. And since we do not perceive spikes, everything we do perceive must be fabricated in the brain. Even the most basic feelings of light, sound, and touch are creations of the brain; they only exist in its model of the world.

Quellen:

Jeff Hawkins (2021). *A Thousand Brains. A New Theory of Intelligence*. New York: Basic Books, p. 174.

Systems Thinking: Definition

SOCIA

GLOSSARY

SYSTEMS THINKING



systems thinking ('sɪstɪmz 'θɪŋkɪŋ)

Term used to describe a perspective and a set of methods and tools that make it possible to look at the full extent of a system, rather than at fragments or parts. To innovate on any social, economic or environmental problems , it's necessary to find ways to see, understand and use the system itself.

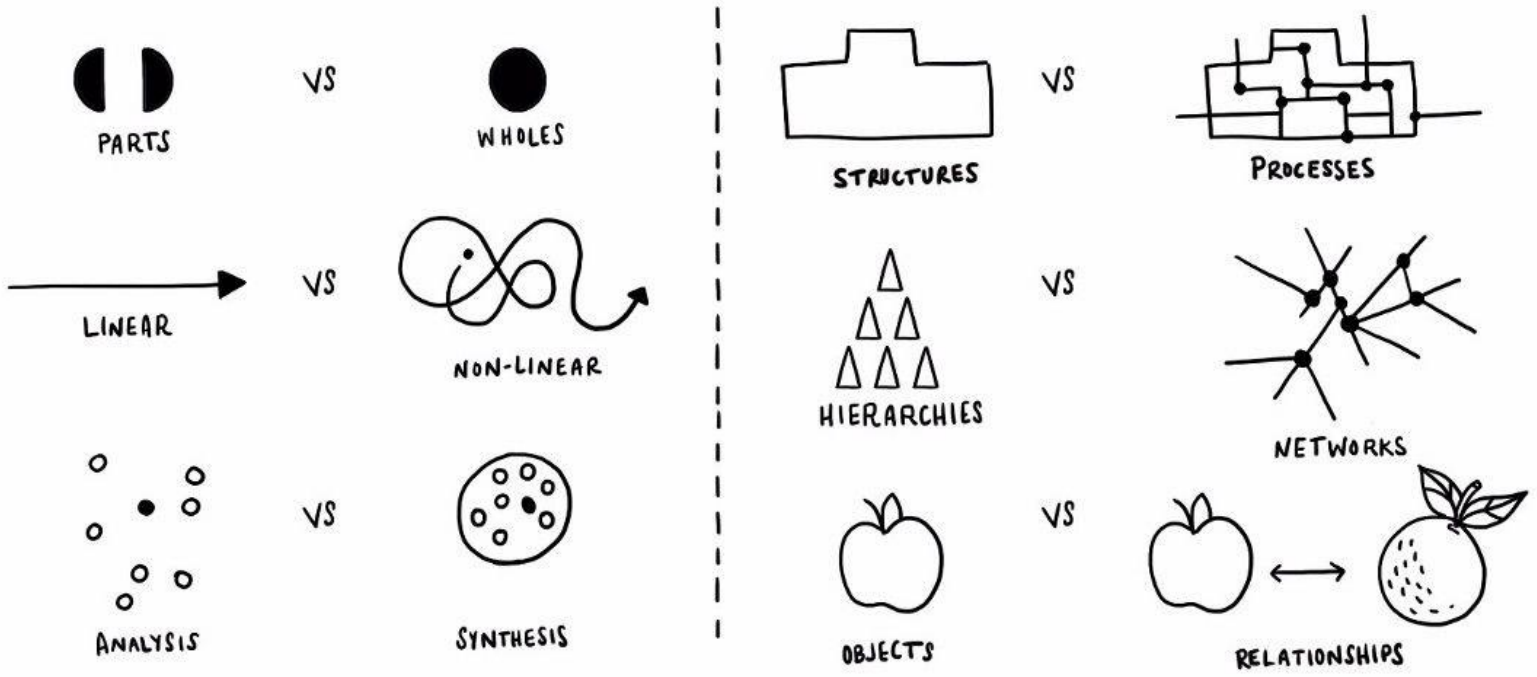
Source: SIG Knowledge Hub, sigknowledgehub.com



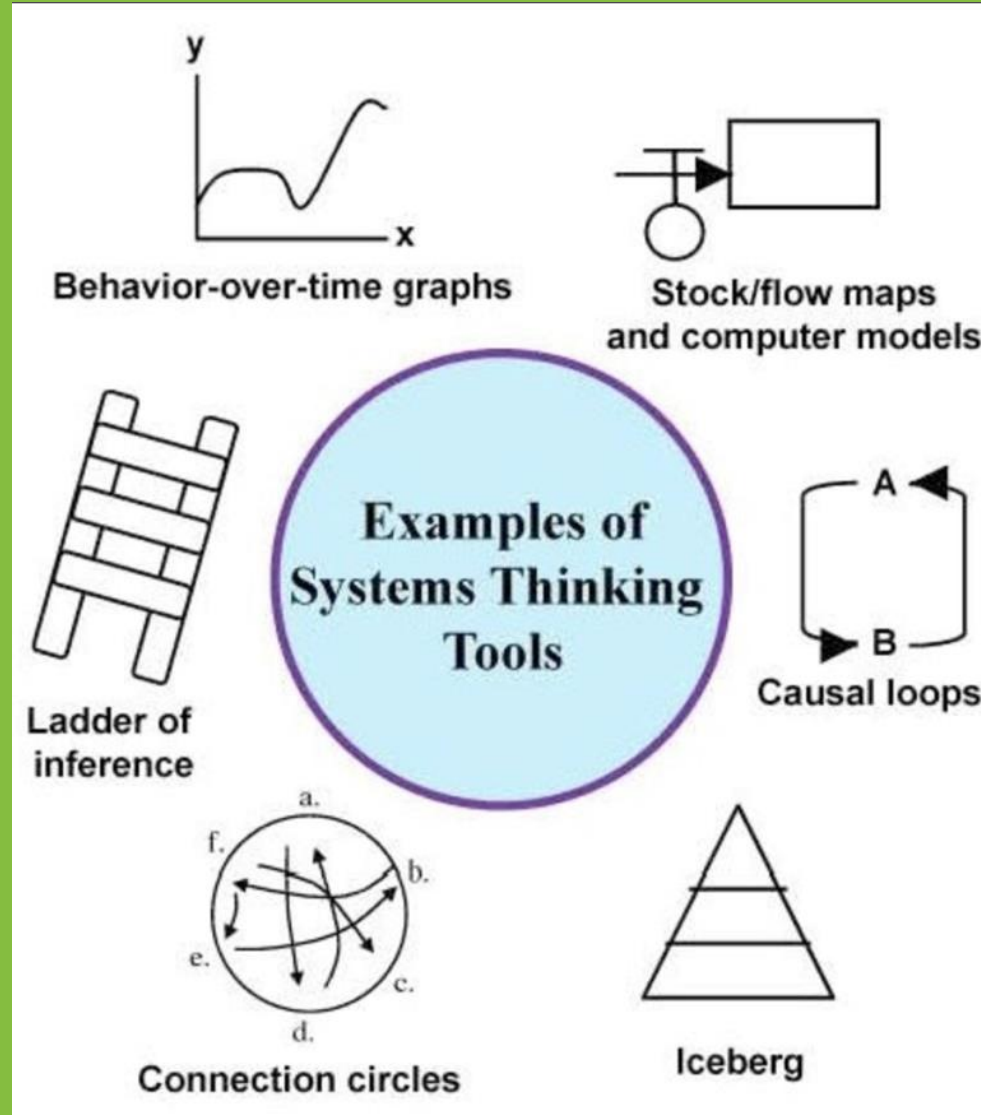
For more social innovation terms, visit www.socialinnovationacademy.eu

Yes, and... not either - or

TOOLS OF A SYSTEM THINKER



Werkzeuge



Quelle: <https://www.anchor.ch/denkmuster/wann-fangen-sie-an-ein-system-thinker-zu-werden/>



Danke für die
Aufmerksamkeit
!

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