Socio-epistemological process of Co-creation

Cognitive Science
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How does novel knowledge come into being?
Current teaching methods
and learning approach habits of students
Semantic Maps

Concept Mapping

EXTERNALISATION
What are the foundations and enabling factors facilitating processes of knowledge creation?
2014

M.F. Peschl
G. Bottaro
M. Hartner-Tiefenthaler
K. Rötzer

Radical Constructivism

Acquisition of knowledge in cognitive organisms that are capable of constructing for themselves, on the basis of their own experience, a more or less reliable world.
Consistency

**Synonyms** of consistent

- accordant, coherent, compatible, concordant, conformable (to), congruent, congruous, consonant, correspondent (with or to), harmonious, non-conflicting
Theoretical and practical aspects of radical constructivism principle in the context of a course design for innovation.
Creating coherence, perturbation, and irritation through interacting with the “other” representations.

Challenging consistency of one’s cognitive model.

Approach can lead to the creation of not only novel, but also viable conceptual structures.
The importance of von Glasersfeld concept of intersubjectivity for processes of accommodation and the generation of (novel) autonomous conceptual structures.
Learning as adaptation and teaching as co-creating new solutions.
Resources

Official Markus F. Peschl page - [https://www.univie.ac.at/knowledge/php/wordpress/](https://www.univie.ac.at/knowledge/php/wordpress/)

