

CITAD8 – RESEARCH PRAXEOLOGIES

We have compiled a list of questions to facilitate our collective work and discussions on the ATD research praxeologies during the conference.

Questions for discussion in the Axes

About research types of questions

- What are the research questions addressed?
- How are they formulated? What terms are mobilised?
- Can we group them in types? According to what criteria (logos)?
- ...

About the research techniques

- What research techniques are mobilised? How can they be described?
- What level of specificity is needed to describe them?
- Are there specific combinations of research techniques (or praxeologies)?
- ...

About the research technologies

- What is proposed as results or answers to the research questions?
- What phenomena or regular facts are identified, observed, delimited?
- What explanations and justifications are provided for the use of a given technique?
- What objects are involved in the formulation of the results?
- ...

About the theory

- What main principles or results are assumed (taken for granted)?
- What theoretical needs are raised?
- What notions are mobilised?
- What notions from other perspectives (TDS, etc.) are also used?
- What are the *raison d'être* (results) of the research?
 - o Regarding the research progress (in the questioning)
 - o Regarding the theory (research praxeologies) progress
 - o To impact the world
- ...

About institutions

- How is the institutional relativity integrated or considered in the research?
- At what levels of the research praxeologies (praxis, logos)?

References

Artigue, M., & Bosch, M. (2014). Reflection on Networking Through the Praxeological Lens. In *Networking of Theories as a Research Practice in Mathematics Education*, pp.249-265, 2014, <https://hal.science/hal-02385558v1/document>

Chevallard, Y., Bosch, M., & Kim, S. (2015). What is a theory according to the anthropological theory of the didactic?. In *CERME 9-Ninth Congress of the European Society for Research in Mathematics Education* (pp. 2614-2620). <https://hal.science/hal-01289424/>