Tables Research traditions

Table 1: Foundations of the research traditions. Review of previous epistemological work (Gallifa, 2018b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Logic Empirical Science | Constructivism | Conceptualism or Productive Science | Phenomenology |
| Philosophical rationale:  Aristotelian epistemologies | *Episteme theoretike* | *Epsiteme praktike, phronesis* | *Episteme poietike, tekhne* | *Nous* |
| Wilber’s Integral Theory rationale: | Right upper quadrant - UR (Objective behavior)  •Interior: *Autopoyesis*  •Exterior: *Empiricism, Behaviorism* | Lower left quadrant-LL (Intersubjective cultural systems)  •Interior: *Hermeneutics*  •Exterior:  *Cultural Anthropology* | Right lower quadrant-LR (Interobjective social systems)  •Interior:  *Social autopoyesis*  •Exterior: *Ecological Sciences, Systems Theory, Anthropology* | Top left quadrant UL (Subjective intention)  •Interior: *Introspection, Phenomenology*  • Exterior: *Structuralism* |
| Holonic theory rationale: | *Immanence* | *Communion* | *Agency* | *Transcendence* |
| Constructivist rationale: | *Positivism* and *Neopositivism* | *Constructivism* and *Critical Theory* | *Pragmatism* | *Subjectivism* |

Table 2: Paradigms or research traditions. Adaptation from Gallifa (2018b)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Paradigms: | Logic Empirical Science | Constructivism | Conceptualism or Productive Science | Phenomenology |
| Epistemology | *Episteme theoretike* | *Episteme praktike, phronesis* | *Episteme poietike, tekhne* | *Nous* |
| Ontology | Realism.  Mechanicism | Reality constructed by the subject. Organicism | Creationism artist-artifact. Authority within a tradition | Essence and intentionality of consciousness. Holism and integralism |
| Methodology | Experimental | Hermeneutical and Anthropological | Conceptualist and Design-Based | Phenomenological and Structuralist |
| Examples of methodologies | *Evidence-Based Research* | *Discourse Analysis* and  *Ethnomethodology* | *Design-Based Research* | *Applied Phenomenology* and  *Grounded Theory* |