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* |