

[Creation, Production, Innovation. Transforming Reality, a New Sphere of Value]

*Create and know_. It is good to know the name and properties of
all flowers, but it is even better to create a new flower.*

Santiago Ramón y Cajal

We analyzed six texts by the scientist Ramón y Cajal, among them the multimodal article from 1888 in which he first defended the autonomy of the neuron. The application of the Method Based on Constituents ([MBC](#)), which links Appraisal Theory (Martin & White, 2008) with the socio-cognitive approach of contextual models (Van Dijk, 2017), allows us to reconstruct social values in a non-aprioristic mode, and to study their interaction with possible group ideologies (Ramírez, 2022). Some results, however, are inconsistent with the theoretical framework. To incorporate the aesthetic valuations of people and the functional valuations of objects into the analyses, we have proposed to apply the notion of sphere of value; likewise, other results encourage proposing a redefinition of social values as interactional concepts, produced and reproduced in semiotic social interaction (Ramírez, 2023b). In this paper, based on the sociosemiotic analysis of Ramón y Cajal's histological drawings (Ramírez 2023a), we suggest adding a new sphere of value that may include semiosis related to the valuation of the transformation of reality.

Appraisal Theory, Semiotics, Cognition

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