

Cognition – Basic Modelling of Collective

- By grouping together, cognitive agents can pool their power as individual members to enable the emergence of new properties, new values, de facto transcendental, at the collective level.
- To form a group (G), the members (m_i, A_i) must be able to communicate and coordinate with each other. After the concept of the whole (the group), and its typical individual element (the member), the notion of common culture (C), of group spirit, brings the third essential ingredient to the collective model.
- Just as one cannot be in two places at once, if the member is real, the group, the collective is imaginary; ... and vice versa.
- At the individual level, the possible mutual relations between multiple agents are already a first area of interest.
- And in the context of the collective, a new field opens up, where mutual relations of a transcendental nature are added, between the individual member on the one hand and the holistic structure, the global level of the group that this member contributes to form, on the other hand.
- In particular, the collective is at the heart of politics and religion. The social is another synonym.
- The situation is symmetrical when, rather than integrating the members to form a group, we dissect a **whole** to observe its **subsystems**.



• The representation of a transcendental structure is difficult to establish, as it is not, beyond the actual members.

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