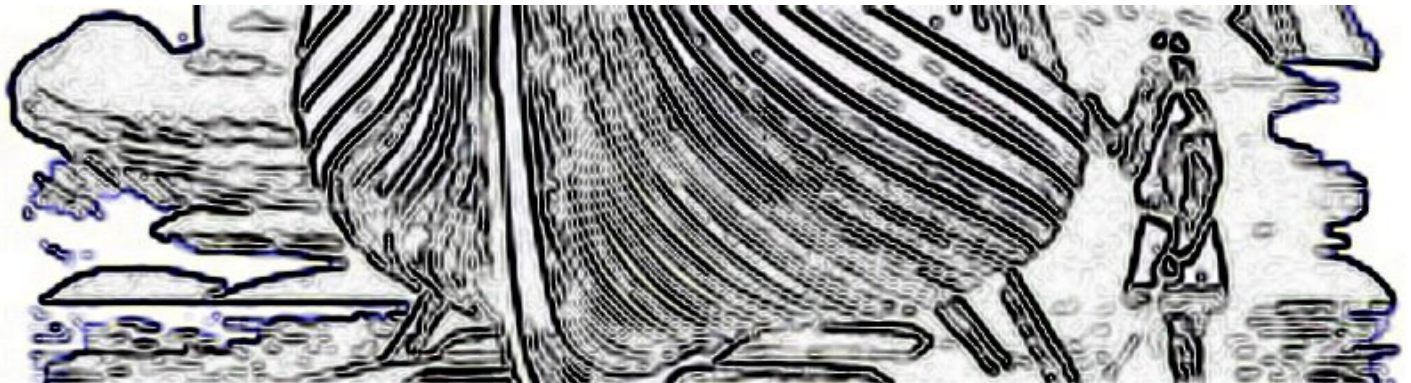


NEOCYBERNETICS IN BIOLOGICAL SYSTEMS

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Abstract: This report summarizes ten levels of abstraction that together span the continuum from the most elementary to the most general levels when modeling biological systems. It is shown how the neocybernetic principles can be seen as the key to reaching a holistic view of complex processes in general.