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Towards the Heider balance – standards and surprises

Friday, 2 July 2021 12:00 (40 minutes)

The talk reports our search for a flexible formulation of the process of removal of cognitive dissonance when identifying enemies and friends. The list of methods includes sets of nonlinear differential equations and cellular automata with different neighborhoods. Results are described on the balanced-imbalanced phase transition on networks of different topology, jammed and dynamic states for symmetric social relations, and perhaps more.

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