

"Dissecting the Social" by Peter Hedstrom.

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Bibliographic Information

Overview

- An explanation of **Analytical Sociology**.
- A framework for social theory, with emphasis on mechanisms.

"[the book discusses] some of the *basic principles of analytical sociology* and soughts to clarify what a *mechanism-based explanatory strategy* looks like" (p. 145).

Revisiting Coleman's Boat

Table of Contents

1. The analytical Tradition in Sociology.
2. Social Mechanism and Explanatory Theory.
3. Action and Interaction.
4. Social Interaction and Social Change.
5. On causal Modelling.
6. Quantitative Research, agent-based modelling and theories of the social.
7. Coda.

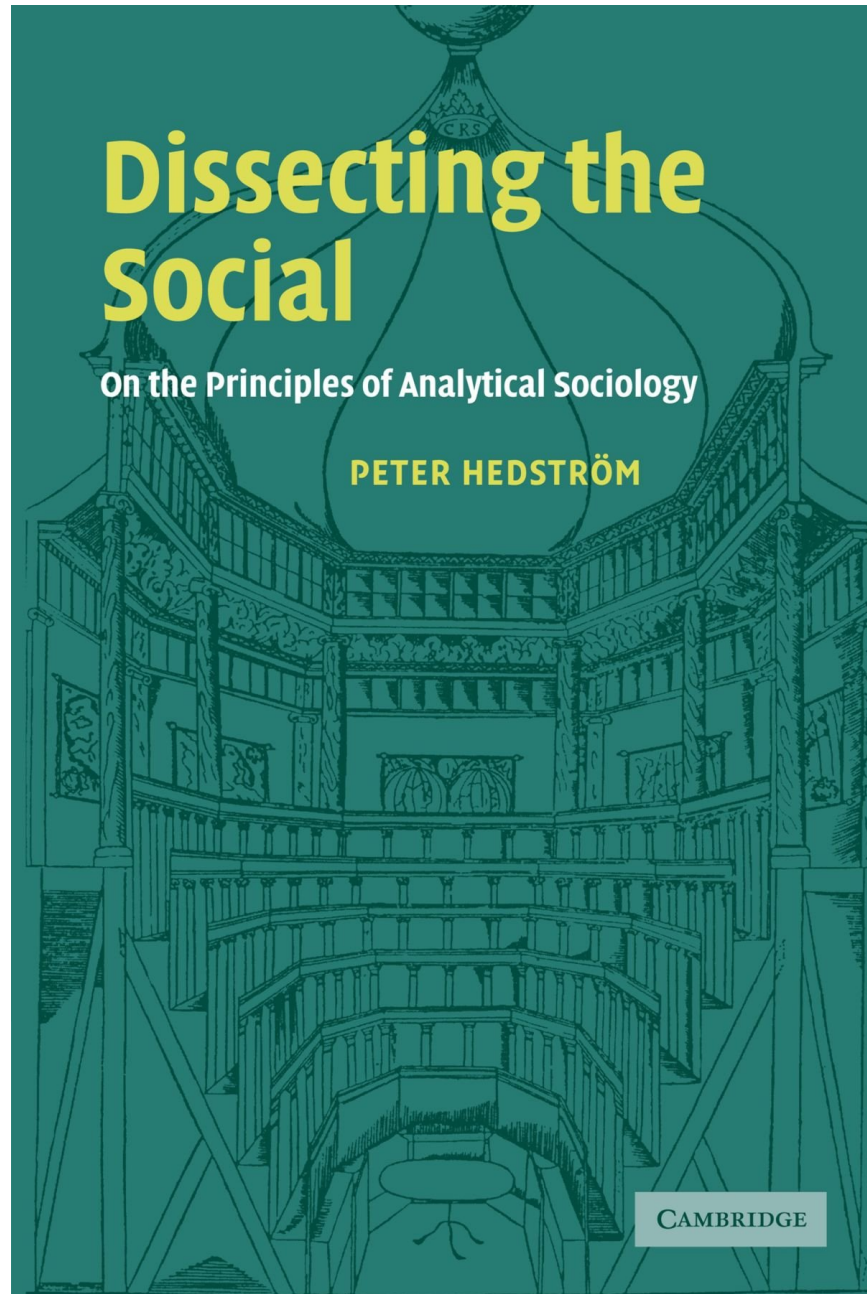


Figure 1: Hedstrom, P. (2005). *Dissecting the Social: On the Principles of Analytical Sociology*. Cambridge: Cambridge University Press. doi:10.1017/CBO9780511488801

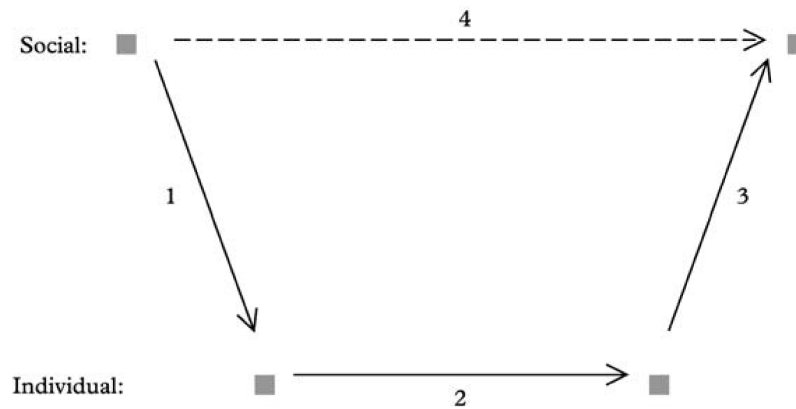


Figure 2: Coleman's micro-Macro Graph

Background

Three types of explanation.

1. Covering Law.
2. Statistical.
3. Mechanism based

Foundations

Agent Based Models

Empirically Calibrated ABM

Opinion on the book

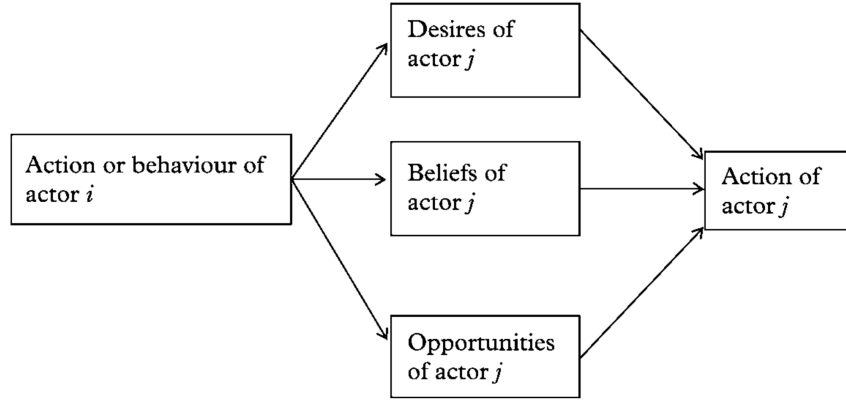


Figure 3: D.B.O. Theory

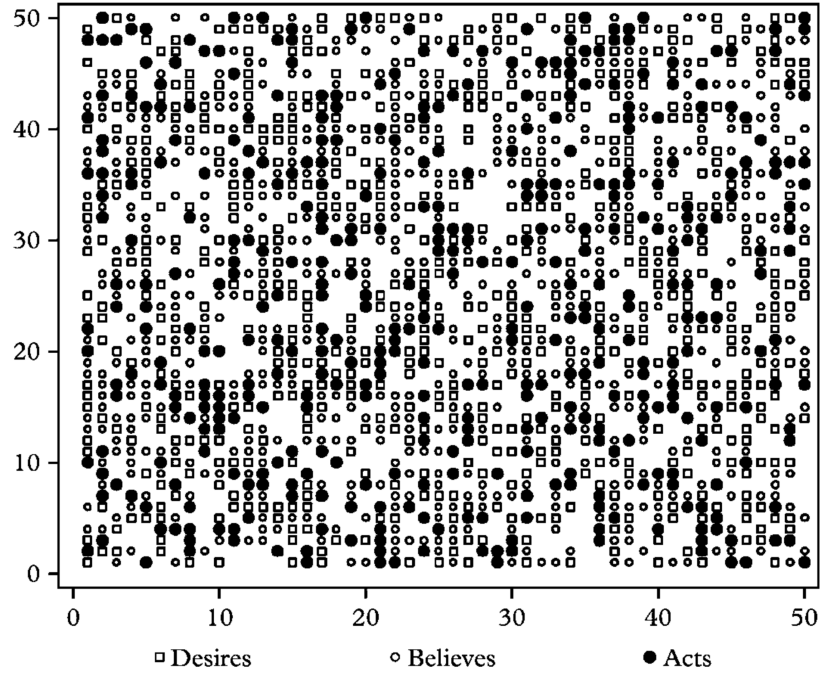


Figure 4: Initial patterns of beliefs, desires and actions in a population of 2,500 virtual actors.

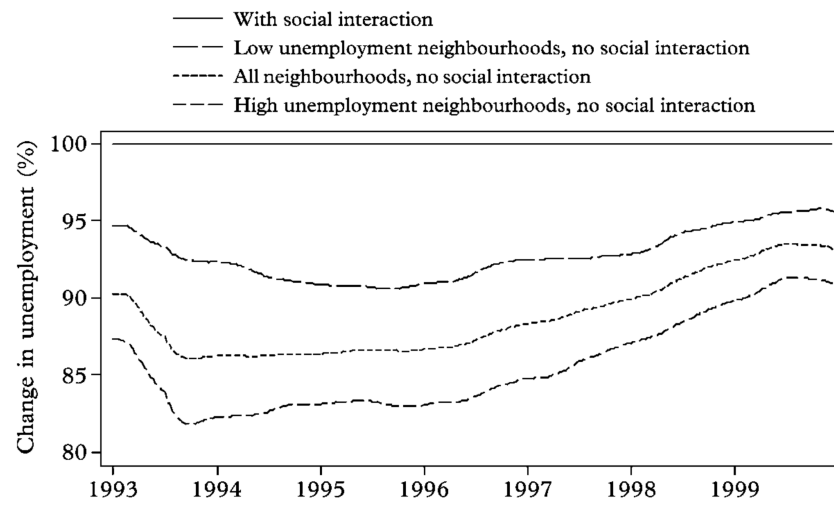


Figure 5: Unemployment levels and social interactions in low and high unemployment neighbourhoods in the Stockholm metropolitan area.