



HORACIO

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LAST COMMUNICATION

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Thanks Vincent for the idea, your intellectual input and hard organizational work. Thanks also to Johan for his contributions, many suggestions and ideas. It was a pleasure to work with both of you and I am glad that this is now sailing to Cambridge. Thanks also to Rasmus and Henrik who made this project possible. Looking forward to seeing the printed/electronic versions soon.

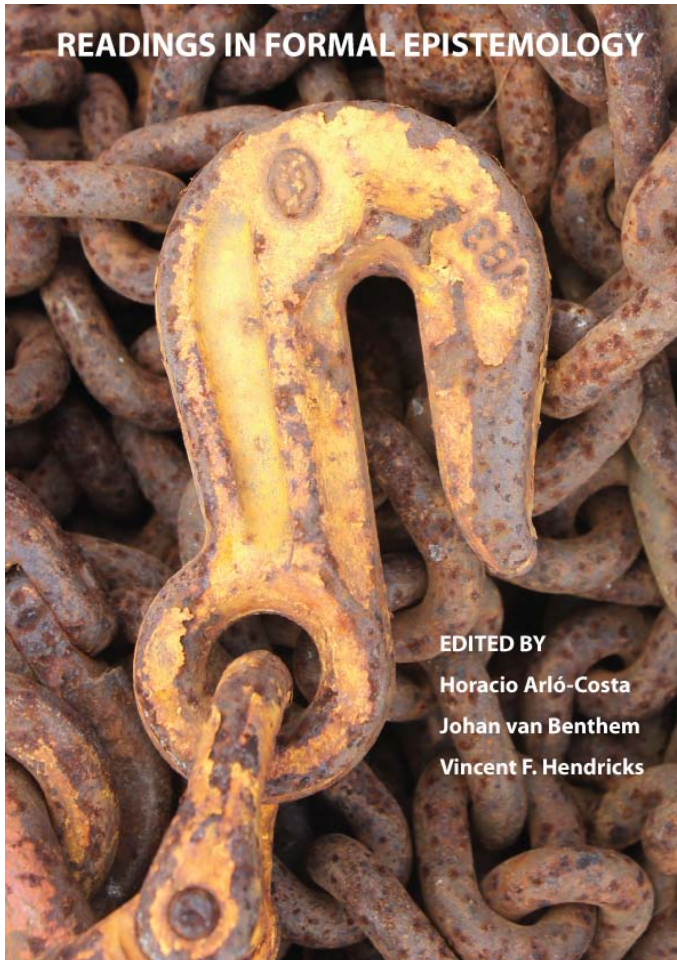
Best,

H.

Vincent F. Hendricks

READINGS

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‘Formal epistemology’ is a term coined in the late 1990s for a new constellation of interests in philosophy, the roots of which are found in earlier works of Carnap, Hintikka, Levi, and others.

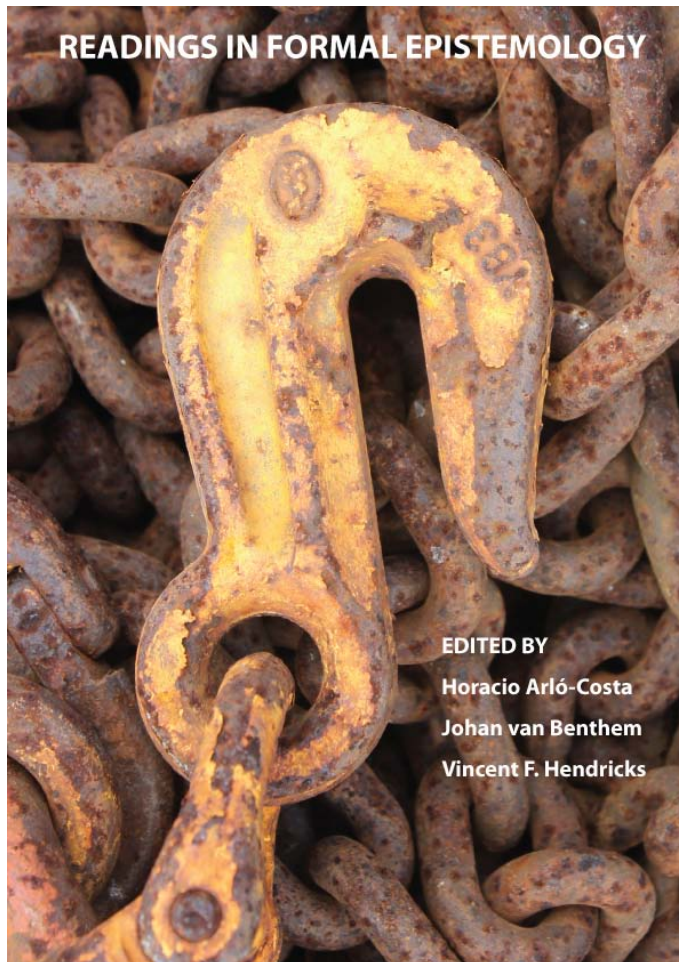
It addresses a growing agenda of problems concerning knowledge, belief, certainty, rationality, deliberation, decision, strategy, action and agent interaction – and it does so using methods from logic, probability, computability, decision, and game theory.

This volume presents 44 classic texts in formal epistemology, and strengthens the ties between research into this area of philosophy and its neighbouring intellectual disciplines.

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READINGS

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Sections and **introductions** to five basic subsections:

1. Bayesian Epistemology
2. Belief Change
3. Decision Theory
4. Interactive Epistemology
5. Epistemic Logic

Cambridge University Press, 2012

Vincent F. Hendricks

READINGS / PRESENT AUTHORS

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Many of you have papers in the volume:

- Agency and Interaction: What we are and what we do in formal epistemology, by Jeffrey Helzner and Vincent F. Hendricks
- Why I'm not a Bayesian, by Clark Glymour
- Stopping to Reflect, by Teddy Seidenfeld
- Why Probability Does Not Capture the Logic of Scientific Justification, by Clark Glymour and Kevin Kelly
- How Infallible but Corrigible Full Belief is Possible, by Isaac Levi
- State Dependent Utilities, by Teddy Seidenfeld, Joseph B. Kadane and Mark J. Schervish
- Sentences, Belief and Logical Omniscience, or What Does Deduction Tell Us?, by Rohit Parikh
- Learning Theory and Epistemology, by Kevin Kelly
- ... and the list goes on ...

EPISTEMOLOGY

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CMU (ILLC, CUNY, MCMP, FEP)

- ❑ Cover all bases
- ❑ Interdisciplinarity
- ❑ Scientific method
- ❑ Formal or mainstream
- ❑ Bite the bullet

REST OF THE WORLD

- ❑ Cover one base
- ❑ Philosophy
- ❑ Intuition pumps
- ❑ Formal or mainstream
- ❑ ...?

HORACIO

FORMAL SOCIAL EPISTEMOLOGY

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CMU (ILLC, CUNY, MCMP, FEP)

- Agent interaction
- Agent coordination
- Information transmission
- Decision making
- Rationality
- Fast and frugal heuristics
- ...

REST OF THE WORLD

- Knowledge in society
- Relying on others
- Trust, disagreement and peers
- Epistemology of liberal democracy
- ...

HORACIO

Information Processing and the Analysis of Democracy

General Motivation

- As far as we know, democracy is an installment particular to man
- A deliberative democracy is characterized by group deliberation, decision and action
- From formal epistemology we know that this epistemic composite requires information
- Correct information processing is an essential fabric of rational deliberation, decision and action

Specific Motivation

- ❑ A robust deliberative democracy is characterized by each agent making “enlightened” decisions
- ❑ Enlightened decisions require information
- ❑ Manipulation with the information fed to (acquired by) agents for “enlightened” decision is potentially manipulation with their democratic vote
- ❑ Information may do plenty of good but may also cause disasters

Derailing Agents

- One may manipulate agents with (Hansen & Hendricks, 2011)
 - ▣ too little information
 - ▣ too much information
 - ▣ mode of information presentation
 - ▣ way of information selection
- Giving rise to four well-known informational phenomena studied in social psychology, behavioral economics, and neighboring interdisciplinary fields ... and now formal epistemology

IPAD

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Information Phenomena

Nature of Information

Pluralistic ignorance

... derailing with ...

too little information

Informational cascades

... derailing with ...

too much information

Framing effects

... derailing with ...

information presentation

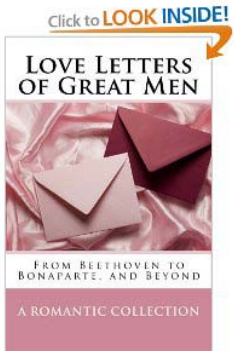
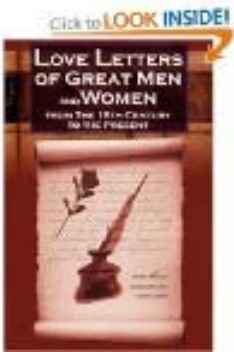
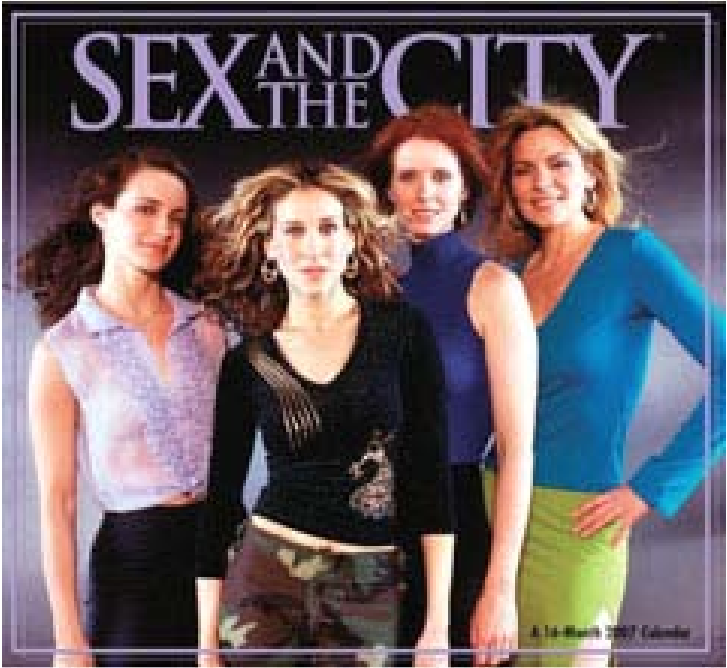
Polarization

... derailing with ...

information selection

SEX AND THE CITY

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Vincent F. Hendricks

This was probably the last thing I talked to Horacio about in person.

We have modelled pluralistic ignorance but ... not the cascades.

The structure of informational cascades

* Personligt signal
Offentligt signal
@ Valg (beslutning)

