UNIVERSITY OF CALIFORNIA,

IRVINE

Belief Revision and Machine Discovery

DISSERTATION

submitted in partial satisfaction of the requirements

for the degree of

DOCTOR OF PHILOSOPHY

in Social Ecology

by

Peter Myrmey Anteater

Dissertation Committee:

Professor Godfrey-Sykes Irvine, Chair

Associate Professor M. Chaphaga Tridactyla

Assistant Professor Marmaduke Orange

2015

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**DEDICATION**

To

my parents and friends

in recognition of their worth

an apology

A feeling bears on itself the scars of its birth; it recollects as a

subjective

emotion its struggle for existence;

it retains the impress of what might have been, but is not.

Alfred North Whitehead

Process and Reality

and hope

If the fool would persist in his folly he would become wise.

William Blake

“Proverbs of Hell”

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**CURRICULUM VITAE**

**Peter Myrmey Anteater**

1992 B.A. in Comparative Culture, University of California, Irvine

1992-93 Peace Corp, Ethiopia

1993-95 Research Assistant, Program in Social

Relations, University of California, Irvine

1995-97 Research Assistant, Program in Global Peace

and Conflict Studies, University of California, Irvine

1997 M.A. in Social Ecology, University of

California, Irvine

1997-98 Teaching Assistant, Graduate School of

Management, University of California, Irvine

1998 M.B.A., University of California, Irvine

2015 Ph.D. in Information and Computer Science,

University of California, Irvine

FIELD OF STUDY

Human Factors in the Global Marketplace

PUBLICATIONS

“The Effects of Task Uncertainty upon Ling Multiplicity for High and Low Performing Project Groups.” Marmaduke Orange, ed. The Global Task Force. Chicago: University of Chicago Press, 1996.

**ABSTRACT OF THE DISSERTATION**

Belief Revision and Machine Discovery

By

Peter Myrmey Anteater

Doctor of Philosophy in Social Ecology

University of California, Irvine, 2015

Professor Godfrey-Sykes Irvine, Chair

[The text of the abstract begins here. The text must be double-spaced and may contain a maximum of 350 words. Use indent or flush left at the beginning of paragraphs, depending on the style manual you are following. Include a short statement of the problem you studied; a brief exposition of the methods and procedures employed in gathering the data; and a summary of your findings. No graphs, charts, or tables may be included.]

**INTRODUCTION**

Dissertation starts here…