

## CONTENTS

Chapter 1. Introduction.....	1
1.1 Overview.....	1
1.2 The humiliation theory of paranoia.....	3
1.3 Psychopathology.....	4
1.4 Intensionality.....	5
Chapter 2. Overview of the Simulation Model.....	7
2.1 Task specification.....	7
2.2 Actions.....	9
2.3 Motivation.....	12
2.4 Intensionality.....	14
2.5 Implementation.....	17
Chapter 3. Review of related work.....	21
3.1 Problem solving.....	21
3.2 Recognizing plans and actions.....	22
3.3 Simulations of motivation and belief systems.....	24
Chapter 4. Action and Interpretation Patterns.....	27
4.1 Action Patterns.....	29
4.2 Pattern Activation.....	30
4.3 Pattern Interpretation.....	32
4.4 Model.....	33
4.5 An example of the interpreter cycle.....	37
Chapter 5. Affect.....	39
5.1 Theory of affect.....	39
5.2 Components of the theory.....	40
5.3 Individual Affects.....	41
5.4 Affect activation in humans.....	43
5.5 Affects in the simulation model.....	43
5.6 Affect response.....	45
5.7 Issues and Implications.....	47
Chapter 6. Intensional Constructs.....	50
6.1 Background.....	51
6.2 Problems of Intensionality.....	52
6.3 Tokens vs Concepts.....	54
6.4 Representation of Concepts, Tokens, and Links.....	55
6.5 Uses of Intensional constructs.....	57
6.6 Global Issues.....	60
Chapter 7. Meta-systems, Self-motivating systems, and Paranoia.....	62
7.1 Meta-systems.....	62
7.2 Self-Motivating systems.....	65
7.3 Paranoia.....	67
Chapter 8. Summary and Critique.....	72
8.1 Summary.....	72
8.2 Meta issues.....	73
8.3 Improvements to the model.....	73
8.4 Application to Artificial Intelligence.....	75

Appendix A. Sample interview with the model.....	76
Appendix B. Patterns.....	85
Appendix C. Actions.....	91
Appendix D. Beliefs.....	92
Appendix E. Rules of Inference.....	94
Bibliography.....	97