# **Rigid Flexibility**

### **DOWNLOAD HERE**

Preface - Acknowledgment - PART I. Theoretical Foundation- Chapter 1. The Goal of Artificial Intelligence - 1.1 To define intelligence - 1.2 Various schools in AI research - 1.3 AI as a whole- Chapter 2. A New Approach Toward Al- 2.1 To define Al - 2.2 Intelligent reasoning systems- 2.3 Major design issues of NARS - PART II. Non-Axiomatic Reasoning System- Chapter 3. The Core Logic- 3.1 NAL-0: binary inheritance- 3.2 The language of NAL-1 - 3.3 The inference rules of NAL-1- Chapter 4. First-Order Inference - 4.1 Compound terms- 4.2 NAL-2: sets and variants of inheritance - 4.3 NAL-3: intersections and differences - 4.4 NAL-4: products, images, and ordinary relations - Chapter 5. Higher-Order Inference - 5.1 NAL-5: statements as terms - 5.2 NAL-6: statements with variables - 5.3 NAL-7: temporal statements - 5.4 NAL-8: procedural statements - Chapter 6. Inference Control - 6.1 Task management -6.2 Memory structure - 6.3 Inference processes - 6.4 Budget assessment .- PART III. Comparison and Discussion - Chapter 7. Semantics - 7.1 Experience vs. model - 7.2 Extension and intension - 7.3 Meaning of term - 7.4 Truth of statement - Chapter 8. Uncertainty - 8.1 The non-numerical approaches-8.2 The fuzzy approach - 8.3 The Bayesian approach - 8.4 Other probabilistic approaches - 8.5 Unified representation of uncertainty - Chapter 9. Inference Rules- 9.1 Deduction - 9.2 Induction - 9.3 Abduction -9.4 Implication - Chapter 10. NAL as a Logic - 10.1 NAL as a term logic - 10.2 NAL vs. predicate logic-10.3 Logic and AI - 11.1 Concept and categorization - 11.2 Learning in NARS - Chapter 12. Control and Computation - 12.1 NARS and theoretical computer science - 12.2 Various assumptions about resources - 12.3 Dynamic natures of NARS - PART IV. Conclusions- Chapter 13. Current Results- 13.1 Theoretical foundation - 13.2 Formal model - 13.3 Computer implementation - Chapter 14. NARS in the Future - 14.1 Next steps of the project - 14.2 What NARS is not - 14.3 General implications - Bibliography - Index EAN/ISBN: 9781402050459 Publisher(s): Springer Netherlands Format: ePub/PDF Author(s): Wang, Pei

## **DOWNLOAD HERE**

#### Similar manuals:

## Rigid Flexibility