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Relational Thinking Styles and Natural Intelligence: Assessing Inference Patterns for Computational Modeling

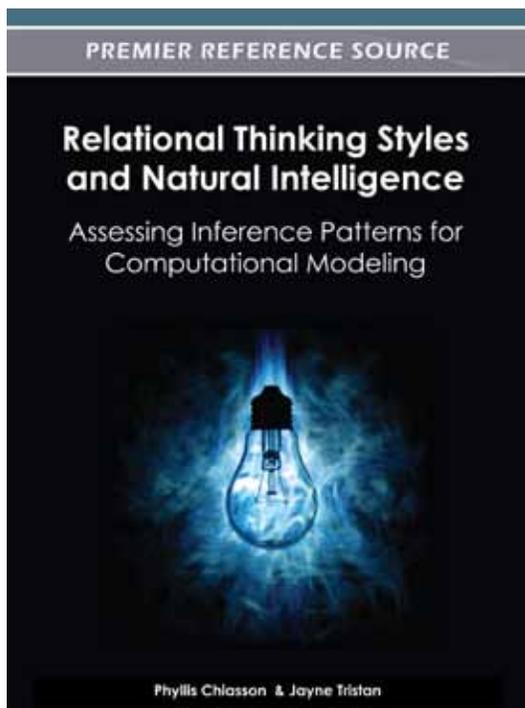
Phyllis Chiasson (Davis-Nelson Company, USA), &
Jayne Tristan (University of North Carolina at Charlotte, USA)

The science of intelligence has created a plethora of theories and measurements, which have various applications of both computational, social, and managerial significance.

Relational Thinking Styles and Natural Intelligence: Assessing Inference Patterns for Computational Modeling explores a specific set of intelligence theories, unifying and quantifying to create a verifiable model of various inferencing habits. Relational Thinking Styles suggests that the inferencing patterns described and demonstrated by this model may provide a platform from which to examine and integrate various aspects of natural intelligence and how these are expressed. This research provides valuable information for businesses, social services, and any decision-making process involving intelligence assessment.

Topics Covered:

- Basic Inferencing Algorithms
- Creativity
- Computational Modeling
- Human systems theory
- Inference Patterns
- Intelligence Modeling Applications
- Normative science
- Reasoning Classification
- Relational Thinking Styles
- Semiotic Structure



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Market: This premier publication is essential for all academic and research library reference collections.

It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Phyllis Chiasson taught speech and language arts at the secondary level in Tucson, Arizona until 1980; she later taught public speaking and critical thinking at Peninsula College, in Port Townsend, WA, where she and her husband now reside. She earned her degrees (BA, 1968 and MEd, 1974) at the University of Arizona. She co-founded the Davis-Nelson consultancy firm in 1986, for which she is principal investigator. In addition to their research, she and others at Davis-Nelson apply RTS and the DNV assessment in a wide variety of contexts. She is a sustaining member of The Charles Peirce Society and a member of the Society for Advancement of American Philosophy.

Chapter 1
Definitions of Terms

Chapter 2
Why Understanding Thinking Styles Matters

Chapter 3
Structure of the Relational Thinking Styles Model

Chapter 4
Assessing Inference Patterns

Chapter 5
Algorithms for Determining Thinking Styles

Chapter 6
Some Variables for Computationally Modeling RTS

Chapter 7
Computationally Modeling Inference Patterns

Chapter 8
Implications and Applications of Relational Thinking Styles

Chapter 9
Phenomenology:

Chapter 10
Peirce's Normative Sciences

Chapter 11
The Dilemma of Defining Abduction

Chapter 12
Creative Abduction

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