



# Thinking Through Systems Thinking

By Ion Georgiou

Download now

Read Online →

## Thinking Through Systems Thinking By Ion Georgiou

Systemicity is receiving wider attention thanks to its evident paradox. On the one hand, it occurs as a problem with complex symptoms. On the other, it is sought after as an approach for dealing with the non-linear reality of the world. At once problem and prize, systemicity continues to confound. This book details the mechanics of this paradox as they arise from human epistemological engagement with the world.

Guided by an original analysis of the fundamental idea of emergent property, *Thinking Through Systems Thinking* uncovers the distinct significance, but also incompleteness, of the systems approach as a theory of human epistemological engagement. The incompleteness is treated through a non-eclectic interdisciplinary investigation which meets ten distinctly developed criteria required of any potential interdisciplinary partner to systems thinking. There results a theory of knowledge - an epistemology - which is systemic in both senses of the term: it belongs to the general systems movement, and it is systemically structured. The systems movement is thus offered a distinct epistemological voice which can compete on equal ground with other philosophical/epistemological positions. In true systemic fashion, this theory of knowledge also offers methodological, ethical, and existential implications. The book provides:

- a complete systems science epistemology built upon the idea of emergent property;
- a developed system theoretical understanding of consciousness, hence contributing to studies of consciousness in general and, moreover, to the understanding of the manner in which human beings engage epistemologically with the world;
- a detailed analysis of the relationship between emergent properties and the wholes which exhibit them;
- an in-depth explication of the fundamental importance of the idea of emergent property to system science;
- epistemological insights into some of the core ideas of systems science such as emergent property and boundary critique - indeed, the book's treatment of the former idea is unique in the system science literature and provides an advanced epistemological understanding of this idea;
- a fresh, and distinctly epistemological, understanding of von Bertalanffy's

pioneering general system theory - an understanding which has served to also demonstrate the continuing relevance of the original ideas behind the contemporary face of systems science, and the manner in which such ideas sit well with phenomenology;

- a systemic understanding of two cornerstones of Husserlian phenomenology: intentionality and intuition;
- an introduction, detailed treatment, and delimitation of the epistemological ideas of dogmatism and bounded rationality;
- an original, epistemologically-focused critique of the idea of boundary analysis/boundary judgements;
- an original, epistemological treatment of the idea of alienation, further demonstrated as permeating systems science and phenomenology; and,
- an application for the development of organizational learning and knowledge management.

 [Download Thinking Through Systems Thinking ...pdf](#)

 [Read Online Thinking Through Systems Thinking ...pdf](#)

# Thinking Through Systems Thinking

By Ion Georgiou

## Thinking Through Systems Thinking By Ion Georgiou

Systemicity is receiving wider attention thanks to its evident paradox. On the one hand, it occurs as a problem with complex symptoms. On the other, it is sought after as an approach for dealing with the non-linear reality of the world. At once problem and prize, systemicity continues to confound. This book details the mechanics of this paradox as they arise from human epistemological engagement with the world.

Guided by an original analysis of the fundamental idea of emergent property, *Thinking Through Systems Thinking* uncovers the distinct significance, but also incompleteness, of the systems approach as a theory of human epistemological engagement. The incompleteness is treated through a non-eclectic interdisciplinary investigation which meets ten distinctly developed criteria required of any potential interdisciplinary partner to systems thinking. There results a theory of knowledge - an epistemology - which is systemic in both senses of the term: it belongs to the general systems movement, and it is systemically structured. The systems movement is thus offered a distinct epistemological voice which can compete on equal ground with other philosophical/epistemological positions. In true systemic fashion, this theory of knowledge also offers methodological, ethical, and existential implications.

The book provides:

- a complete systems science epistemology built upon the idea of emergent property;
- a developed system theoretical understanding of consciousness, hence contributing to studies of consciousness in general and, moreover, to the understanding of the manner in which human beings engage epistemologically with the world;
- a detailed analysis of the relationship between emergent properties and the wholes which exhibit them;
- an in-depth explication of the fundamental importance of the idea of emergent property to system science;
- epistemological insights into some of the core ideas of systems science such as emergent property and boundary critique - indeed, the book's treatment of the former idea is unique in the system science literature and provides an advanced epistemological understanding of this idea;
- a fresh, and distinctly epistemological, understanding of von Bertalanffy's pioneering general system theory - an understanding which has served to also demonstrate the continuing relevance of the original ideas behind the contemporary face of systems science, and the manner in which such ideas sit well with phenomenology;
- a systemic understanding of two cornerstones of Husserlian phenomenology: intentionality and intuition;
- an introduction, detailed treatment, and delimitation of the epistemological ideas of dogmatism and bounded rationality;
- an original, epistemologically-focused critique of the idea of boundary analysis/boundary judgements;
- an original, epistemological treatment of the idea of alienation, further demonstrated as permeating systems science and phenomenology; and,
- an application for the development of organizational learning and knowledge management.

## Thinking Through Systems Thinking By Ion Georgiou Bibliography

- Sales Rank: #7145780 in Books

- Published on: 2007-01-25
- Released on: 2006-12-07
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .60" w x 6.14" l, .0 pounds
- Binding: Paperback
- 264 pages

 [Download Thinking Through Systems Thinking ...pdf](#)

 [Read Online Thinking Through Systems Thinking ...pdf](#)

## Editorial Review

Review

**'Ion Georgiou's thinking through of systems thinking employs phenomenology as an interdisciplinary partner to search for a genuinely systemic epistemology. This profound philosophical journey engages with the concept of emergence and the work of von Bertalanffy before re-entering the methodological domain to contribute insights about applied systems thinking, particularly its soft and critical variants and the debates surrounding organisational learning.'** - *Mike C. Jackson, Hull University Business School, UK*

From the Author

The structure of the book is as follows:

### PART ONE: CONTEXTUAL INVESTIGATIONS

#### CHAPTER ONE - WAR

1. THE HOLISTIC/SYSTEMIC APPROACH
2. BLAME DYNAMICS
3. THE IDEA OF FEEDBACK
4. 'WE HAVE THE WAR WE DESERVE'
5. CONCLUSION

#### CHAPTER TWO - DUALISMS

1. THE SETTING OF SCHOLARLY THOUGHT
  - 1.1 Geometrical Thought
  - 1.2 Flat Thought
2. EPISTEMOLOGY
3. DRIVING UP A ONE-WAY STREET
  - 3.1 Knowledge in the Contemporary Context
  - 3.2 Philosophy's View on Consciousness
4. SYSTEM THEORETICAL VERSUS SYSTEMIC
5. CONCLUSION

#### CHAPTER THREE - QUESTIONS

1. AN OUTLINE OF SYSTEM THEORY
  - 1.1 Beginnings
  - 1.2 Soft Systems Thinking
  - 1.3 Critical Systems Thinking
2. EPISTEMOLOGICAL THEORIZING IN SYSTEM THEORY
3. THE FORGOTTEN EPISTEMOLOGICAL AGENDA OF SYSTEM THEORY
4. CONCLUSION

### PART TWO: SYSTEM THEORETICAL INVESTIGATIONS

#### CHAPTER FOUR - EMERGENCE

1. THE BERTALANFFYAN UNDERSTANDING OF THE IDEA OF EMERGENT PROPERTY
2. EMERGENT PROPERTY UNDERSTOOD AS UNFORESEEN CONSEQUENCE
3. EMERGENT PROPERTY UNDERSTOOD AS REFERENCE POINT
4. SUMMARY OF THE IDEA OF EMERGENT PROPERTY AS UNDERSTOOD IN SYSTEM THEORY

5. SYSTEM THEORY'S PRELIMINARY UNDERSTANDING OF CONSCIOUSNESS
6. TWO REQUIRED IMMEDIATE INVESTIGATIONS
7. CONCLUSION

#### CHAPTER FIVE - EMERGENT PROPERTIES AND COMPLEXES

1. THE TRANSCENDENTAL ABILITY OF RELATIONAL CHARACTERISTICS
2. THE RELATIONAL CHARACTERISTIC AS DEPENDENT UPON COMPLEXES
3. COMPLEXES AS DEPENDENT UPON THE RELATIONAL CHARACTERISTIC
4. THE SYSTEMIC GOVERNANCE
5. A CLOSER LOOK AT THE SYSTEMIC GOVERNANCE
6. CONCLUSION

#### CHAPTER SIX - JUSTIFICATION

1. PANORAMIC VIEW OF THE WORK OF VON BERTALANFFY
2. THE PROJECT OF GENERAL SYSTEM THEORY
3. THE FOREMOST OBJECT OF INTEREST OF GENERAL SYSTEM THEORY
4. THE NATURE OF BERTALANFFYAN PRINCIPLES
5. CONTINUAL JUSTIFICATION
6. THE WAY TOWARD PHENOMENOLOGY
7. CONCLUSION

### PART THREE: PHENOMENOLOGICAL INVESTIGATIONS

#### CHAPTER SEVEN - PERCEPTION AND INTENTION

1. APPEARANCES
2. INTRODUCTORY NOTES TO THE THEORY OF INTENTIONALITY
  - 2.1 An Analogy: Hearing and Listening
  - 2.2 Perceiving and Intending
3. OBJECTIVE PHENOMENA AND INTENDED PHENOMENA
4. THE EPISTEMOLOGICAL SYSTEMICITY BETWEEN PERCEPTION AND INTENTION
5. CONCLUSION

#### CHAPTER EIGHT - EMERGENT PROPERTIES AND IDENTITIES

1. THE DYNAMICS OF PERCEPTION OF APPEARANCES: THE CUBE EXAMPLE
2. THE INTENTION OF IDENTITIES
3. SUMMARY OF IDENTITY AS UNDERSTOOD IN PHENOMENOLOGY
  - 3.1 Reflections of the Bertalanffyian Understanding of Emergent Property
  - 3.2 Reflections of the Relational and Referential Understanding of Emergent Property
  - 3.3 Reflections of the Epistemological Understanding of Emergent Property
4. SYSTEM THEORETICAL EMERGENT PROPERTIES AS PHENOMENOLOGICAL IDENTITIES
5. TWO ADDITIONAL ASPECTS OF EMERGENT PROPERTIES
6. CONCLUSION

#### CHAPTER NINE - INTENTIONALITY

1. INTENTIONALITY: THE CLASSIC DESCRIPTION
2. CLARIFYING THE CLASSIC DESCRIPTION
3. THE EIDETIC INCLINATION OF INTENTIONALITY
4. THE EPISTEMOLOGICAL ACTUALIZER OF INTENTIONALITY
5. CONCLUSION

### PART FOUR: SYSTEMIC EPISTEMOLOGICAL INVESTIGATIONS

#### CHAPTER TEN - INTUITION

1. THE DUAL STRUCTURE OF INTUITION
  - 1.1 Continuity/and so forth: The Intuitive Mode of Development

- 1.2 Repetition/one can always again: The Intuitive Mode of Repetition
2. CONTINUITY AND REPETITION IN A BERTALANFFYAN CONTEXT
- 2.1 The Inductive Nature of the Intuitive Mode of Repetition
3. A PRELIMINARY STUDY OF INTUITION'S TWO MODES
- 3.1 The Mode of Development: Intention Intuiting
- 3.2 The Mode of Repetition: Intuition Intending
- 3.3 The Mutual Exclusiveness of Intuition's Two Modes
- 3.4 Intuition's Two Modes: Both/And, Either/Or
4. DOGMATISM: THE MODE OF REPETITION OF INTUITIONS
5. BOUNDED RATIONALITY: THE MODE OF DEVELOPMENT OF INTUITIONS
6. CONCLUSION

#### CHAPTER ELEVEN - DOGMATISM AND BOUNDED RATIONALITY

1. EXPLORING DOGMATISM AND BOUNDED RATIONALITY
2. THE PRIMACY OF SYSTEMICITY
- 2.1 The Sartrean Dialectic
3. CONSCIOUSNESS' CHOICE
- 3.1 The Self-Justification of Consciousness' Choice
- 3.2 The Self-Responsibility Of Consciousness' Choice
4. CONCLUSION

#### CHAPTER TWELVE - A SYSTEMIC EPISTEMOLOGY

1. CRITICAL PRESENTATION OF THE THEORY OF BOUNDARY JUDGEMENTS
2. RECONSIDERING THE PRESENTATION
3. RESULTS OF THE PRESENTATION
4. A SYSTEMIC EPISTEMOLOGY FOR SYSTEM THEORY
5. CONCLUSION

#### PART FIVE: APPLIED INVESTIGATIONS

##### CHAPTER THIRTEEN - ALIENATION

1. THE PROPOSAL TO GROUND SOFT SYSTEMS METHODOLOGY WITHIN AN APPROPRIATE SOCIAL THEORY
- 1.1 The Basis of the Proposal
2. THE FUNDAMENTAL ISSUE IN THE HABERMASIAN INCORPORATION
3. THE STRONG CASE FOR EPISTEMOLOGICAL ALIENATION
4. SPECIFIC CONTRIBUTIONS TO SYSTEM THEORY'S EMBRACE OF EPISTEMOLOGICAL ALIENATION
- 4.1 Unconscious Forces
- 4.2 Ideal Speech Situation
5. THE SYSTEMIC EPISTEMOLOGY AS FUNDAMENTAL CONTRIBUTOR
6. THREE BASIC CONTRIBUTIONS TO SYSTEM THEORY
7. CONCLUSION

##### CHAPTER FOURTEEN - METHODOLOGICAL IMPLICATIONS

1. THE BASIC CRITICAL PRACTICE
2. THE SYSTEMIC EPISTEMOLOGY AND SOFT SYSTEMS METHODOLOGY
3. THE SYSTEMIC EPISTEMOLOGY AND BOUNDARY JUDGEMENTS
4. CONCLUSION

##### CHAPTER FIFTEEN - AN APPLICATION IN ORGANIZATIONAL LEARNING THEORY

1. ORGANIZATIONAL LEARNING
2. SYSTEM THEORETICAL UNDERSTANDING IN ORGANIZATIONAL LEARNING
3. EPISTEMOLOGICAL DEVELOPMENT IN ORGANIZATIONAL LEARNING

4. POINTERS TOWARD THE RELEVANCE OF THE SYSTEMIC EPISTEMOLOGY TO ORGANIZATIONAL LEARNING
5. TOWARD THE OPERATIONALIZATION OF THE PRESENT INVESTIGATIONS IN THE FIELD OF ORGANIZATIONAL LEARNING
6. FRAMEWORK OF PROPOSED FUTURE RESEARCH IN ORGANIZATIONAL LEARNING
7. CONCLUSION

#### CONCLUDING REFLECTIONS

#### CHAPTER SIXTEEN - INTERDISCIPLINARY PARTNERSHIP: PRESENT RESULTS AND FUTURE RECOMMENDATIONS

1. MAIN CONTRIBUTIONS
2. THE WARS WE DESERVE
3. ON THE INHERENT INTERDISCIPLINARITY BETWEEN SYSTEM THEORY AND PHENOMENOLOGY
  - 3.1 Reservations Regarding a Chronological Approach to Phenomenology
  - 3.2 The Case for Sartrean Phenomenology as the Fundamental Interdisciplinary Partner to System Theory

#### 4. CONCLUSION

#### BIBLIOGRAPHY

#### LIST OF TABLES

- Table 1.1 Some key points of the holistic approach
- Table 2.1 System theoretical vs. Systemic
- Table 3.1 The forgotten epistemological agenda of system theory
- Table 4.1 Twelve aspects of emergent properties as given in the system theory literature
- Table 6.1 Criteria required of any potential interdisciplinary partner to system theory
- Table 7.1 Aspects of hearing and of listening
- Table 7.2 Aspects of perceiving and of intending
- Table 8.1 Comparison between system theoretical emergent property and phenomenological identity
- Table 8.2 Two additional aspects of emergent properties with comments
- Table 10.1 Characterizations of each intuitive mode qua epistemological actualization of an intention
- Table 11.1 Fundamental understanding of critique required of System Theory
- Table 12.1 Epistemological conclusions from the foundational arguments of the theory of boundary judgements
- Table 12.2 Set of modal similarities between System Theory and phenomenology
- Table 12.3 Elements of an epistemology particular to System Theory
- Table 12.4 The division of the moments of the systemic epistemology into activities and conditions

#### LIST OF FIGURES

- Figure 1.1 Linear causation and systemic feedback
- Figure 1.2 Water flowing into a glass
- Figure 1.3 Negative feedback loop
- Figure 1.4 Arms in country B influenced by perceived arms in country A
- Figure 1.5 Positive feedback loop
- Figure 8.1 Preliminary observations on perceiving a cube
- Figure 8.2 Layers of perception - sides
- Figure 8.3 Layers of perception - aspects
- Figure 8.4 The perception of a cube
- Figure 12.1 A map of the relational arrangements of the moments of the systemic epistemology
- Figure 15.1 Intending-intuiting-learning matrix



Figure 15.2 Framework of proposed future research in organizational learning

About the Author

Sao Paulo School of Business Administration (FGV-EAESP), Brazil

## **Users Review**

### **From reader reviews:**

#### **Iris Robertson:**

This Thinking Through Systems Thinking book is not really ordinary book, you have after that it the world is in your hands. The benefit you obtain by reading this book is information inside this book incredible fresh, you will get info which is getting deeper an individual read a lot of information you will get. That Thinking Through Systems Thinking without we understand teach the one who examining it become critical in pondering and analyzing. Don't always be worry Thinking Through Systems Thinking can bring if you are and not make your handbag space or bookshelves' become full because you can have it in the lovely laptop even telephone. This Thinking Through Systems Thinking having great arrangement in word as well as layout, so you will not feel uninterested in reading.

#### **Eric Beasley:**

This Thinking Through Systems Thinking are generally reliable for you who want to certainly be a successful person, why. The key reason why of this Thinking Through Systems Thinking can be one of many great books you must have is giving you more than just simple reading food but feed anyone with information that probably will shock your earlier knowledge. This book will be handy, you can bring it all over the place and whenever your conditions both in e-book and printed ones. Beside that this Thinking Through Systems Thinking forcing you to have an enormous of experience including rich vocabulary, giving you demo of critical thinking that we know it useful in your day action. So , let's have it and luxuriate in reading.

#### **Anthony Jarrard:**

Thinking Through Systems Thinking can be one of your basic books that are good idea. We all recommend that straight away because this e-book has good vocabulary that will increase your knowledge in vocabulary, easy to understand, bit entertaining however delivering the information. The author giving his/her effort to set every word into satisfaction arrangement in writing Thinking Through Systems Thinking although doesn't forget the main point, giving the reader the hottest as well as based confirm resource data that maybe you can be one of it. This great information could drawn you into completely new stage of crucial imagining.

#### **Rana Jensen:**

This Thinking Through Systems Thinking is brand new way for you who has intense curiosity to look for some information as it relief your hunger associated with. Getting deeper you into it getting knowledge more you know or you who still having tiny amount of digest in reading this Thinking Through Systems Thinking

can be the light food for you personally because the information inside this specific book is easy to get simply by anyone. These books build itself in the form that is reachable by anyone, that's why I mean in the e-book web form. People who think that in reserve form make them feel drowsy even dizzy this reserve is the answer. So there is not any in reading a reserve especially this one. You can find what you are looking for. It should be here for a person. So , don't miss this! Just read this e-book style for your better life and also knowledge.

**Download and Read Online Thinking Through Systems Thinking  
By Ion Georgiou #Z963HVUPX8N**

## **Read Thinking Through Systems Thinking By Ion Georgiou for online ebook**

Thinking Through Systems Thinking By Ion Georgiou Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Thinking Through Systems Thinking By Ion Georgiou books to read online.

### **Online Thinking Through Systems Thinking By Ion Georgiou ebook PDF download**

**Thinking Through Systems Thinking By Ion Georgiou Doc**

**Thinking Through Systems Thinking By Ion Georgiou Mobipocket**

**Thinking Through Systems Thinking By Ion Georgiou EPub**