

COMMUNICATION THEORY in the CAUSE of MAN

Notes on the application of General Systems Theory, Cybernetics, Information Theory, and related fields of Communication Theory to the strengthening of democratic institutions on our planet.

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U.S.A.

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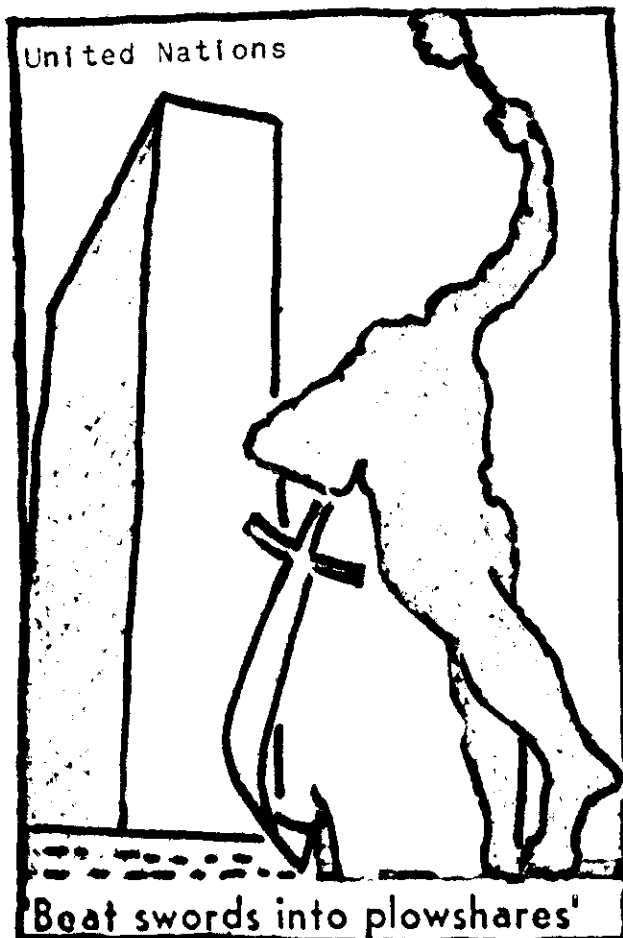
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"....AND MEN SHALL BEAT THEIR SWORDS
INTO PLOWSHARES, AND THEIR SPEARS INTO
PRUNING HOOKS: NATION SHALL NOT LIFT
UP SWORD AGAINST NATION, NEITHER
SHALL THEY LEARN WAR ANYMORE."

Isaiah 2:4



The transition from VIOLENCE to NON-VIOLENCE must be accompanied by a conceptual transition from "Power Politics" to a "Theory of Human Development."

The emerging theory of human development consists of two parts:
(1) the psychology of individual personality development, and
(2) a complementary socio-economic theory based on cybernetics and information theory. The task before us is to utilize the physical and mathematical concepts now used in the design of Accounting Systems, Business Management Systems, and Military Weapon Control Systems----
-- to develop the philosophical concepts needed to expedite development of the socio-economic phase.

The principal conceptual weapons available are "CYBERNETICS" and "INFORMATION THEORY," which have potential use in developing "thematic hypotheses," implemented by COMPUTER SIMULATION.

'CTCM' COMMUNICATION THEORY in the CAUSE of MAN 'CTCM'

This periodical is scheduled to be published monthly and is planned so that each issue will constitute a section or chapter of a proposed book of the same title, "CTCM." The object of the proposed book is to provide some tools from the mathematical and engineering theory of communication, and in particular from Cybernetics and Information Theory, to help the layman find some ideas by which he can more easily determine his course toward a more democratic society.

Each page will be labelled with the volume and issue numbers of CTCM and with a "File Number." One may rearrange the pages of the cumulated issues by file numbers to put the sections in the order of the proposed book.

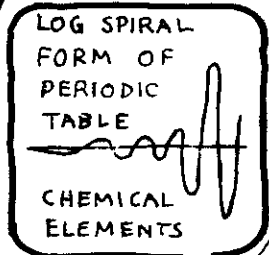
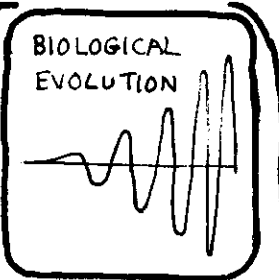
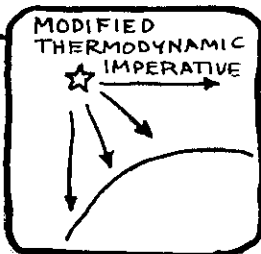
This supplement contains a subscription and order form, outline of the proposed book, and a pictorial abstract of the material published to date. The outline is arranged in two columns. The first column is the complete outline, and the second column indicates where the published sections can be found.

BOOK ONE: TO FIND A STAR TO STEER BY IN A DISCONNECTED SOCIETY

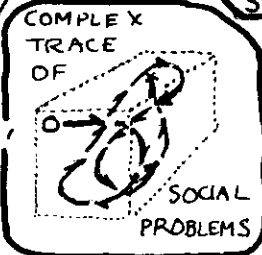
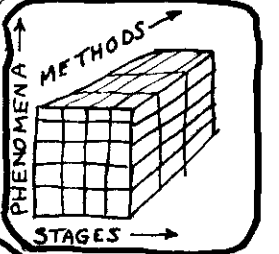
Outline of Proposed Book:
 COMMUNICATION THEORY in the CAUSE of MAN

Outline

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1.3.0	Complex Problems Involving Cybernetics, Information Theory and Other Fields		
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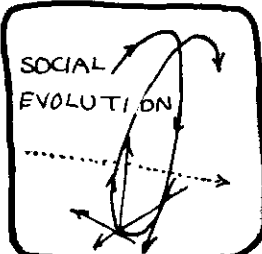
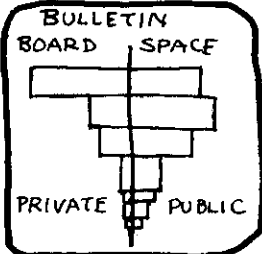
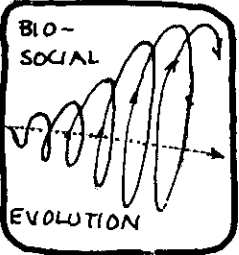
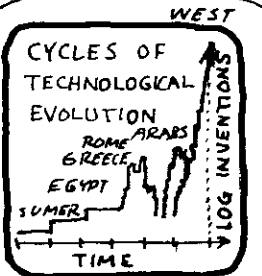


CYBERNETICS ANALYSES SIGNIFICANT FEEDBACK LOOPS IN CONTROL SYSTEMS.



GENERAL SYSTEMS THEORY POINTS TO ISOMORPHIC FEATURES.

INFORMATION THEORY MEASURES DEGREE OF DEMOCRACY

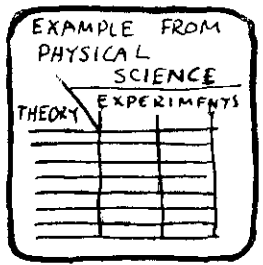
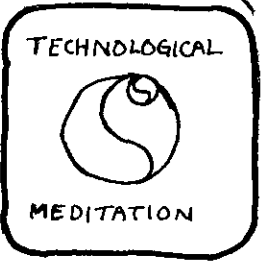


BOOK TWO: PHILOSOPHICAL PRINCIPLES

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GENERAL SYSTEMS
ISOMORPHY...
THEOR, MODELS
LESS DUPLICATION
UNITY OF SCIENCE

Applications
MULTIDISCIPLINARY RESEARCH
INTERDISCIPLINARY RESEARCH
MANAGERIAL DECISION THEORY
DEMOCRATIC CITIZENS UNDERSTANDING

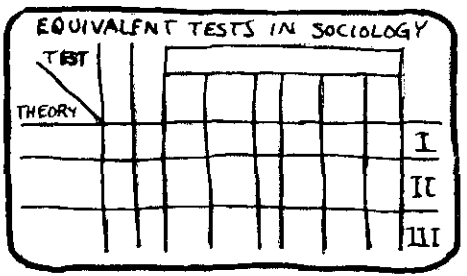


TEST HYPOTHESES IN THE TRADITION OF SCIENCE

Ethics:
Categorical Imperative (Kant)
Thermodynamic Imperative (Lindsay)

DEVELOP AN ETHICS COORDINATING PRINCIPLE.

MAXIMIZE NEGENTROPY
 $H = -\sum p_m \ln p_m$
DEGREE OF INTERNAL SYSTEMS DEMOCRACY



BACK ISSUES AVAILABLE:

Vol. I, No. 1-2, JUNE-JULY 1970. Civil Rights & Evolution; Multidisciplinary Concepts; Technological Meditation; The Thermodynamic Imperative; and Status of Entropy and Information..... Double Issue \$1.00

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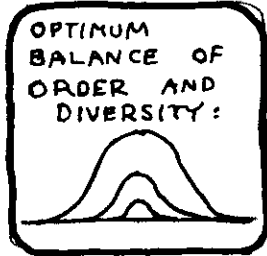
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The '5' in File No. 100-F-5 indicates update on June 7, 1970.
The '9' in File No. 99-F-9 indicates update on October 25, 1970.

BOOK TWO [CONTINUED]....

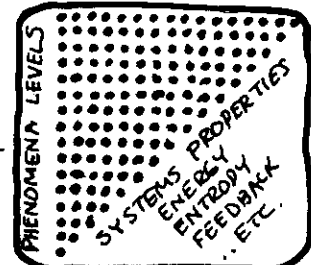
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2.3.3	The Discrete Channel Model		
2.3.4	The Continuous Channel Model		
2.3.5	An Ethic-Coordinating Principle consisting of the Modified Thermodynamic Imperative with the Continuous Channel Model with Appropriate Boundary Conditions		
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2.4.0	Theories of Social Evolution		
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2.4.2	Evolution and Alienation		
2.4.3	Epicosm Models		
2.5.0	Status of Hypotheses and Conclusions		
2.5.1	Table of Testing Hypotheses		
2.5.2	Role of These Concepts In Developing A Viable Theory and Practical Guide To The Stimulation of Creative Evolution in Human Society		

MODIFIED THERMODYNAMIC IMPERATIVE with $H = - \int p dp$ CONTINUOUS CHANNEL MODEL MAXIMIZING DYNAMIC-JUSTICE,



BOOK THREE: TECHNICAL APPENDICES

Section	Subject	File No./pages	CTCM Vol/No
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3.4.0	Glossary		
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