SILVANO ARIETI

# The Magic Synthesis













# **CREATIVITY**

The Magic Synthesis

SILVANO ARIETI

Basic Books, Inc., Publishers

New York

### ·Library of Congress Cataloging in Publication Data

Arieti, Silvano.

Creativity: the magic synthesis.

Bibliography: p. 415 Includes index.

1. Creativé ability. I. Title.

BF408.A64 153.3'5 75-36374

ISBN: 0-465-01443-7 (cloth) ISBN: 0-01444-5 (paper)

> Copyright © 1976 by Silvano Arieti Printed in the United States of America DESIGNED BY VINCENT TORRE

10 9 8 7 6 5 4

### Also by SILVANO ARIETI

Inter izophrenia (1955)
Second Edition, Completely Revised and Expanded (1974)

The Intrapsychic Self: Feeling, Cognition and Creativity in Health and Mental Illness (1967)

The Will To Be Human (1972)

American Handbook of Psychiatry (1959 and 1966)

EDITOR-IN-CHIEF
Second Edition, Revised and Expanded (1974 and 1975)

The World Biennial of Psychiatry and Psychotherapy (1970 and 1973)
EDITOR

New Dimensions in Psychiatry: A World View (1975)
CO-EDITOR WITH GERARD CHRZANOWSKI

Love Can Be Found (1977)
WITH JAMES ARIETI

On Schizophrenia, Phobias, Depression, Psychotherapy, and the Farther Shotes of Psychiatry: Selected Papers of Silvano Arieti, M.D. (1978)

Severe and Mild Depression (1978)
WITH JULES BEMPORAD

Understanding and Helping the Schizophrenic (1979)

The Parnas (1979)



The Peacock King, Tokyo National Museum; Kodansha, Ltd.

此为试读,需要完整PDF请访问: www.ertongbook.com

To the memory of my friend Ludwig Von Bertalanffy, who conceived broad systems of ideas, and of my grammar school teacher Luisa Orvieto, from whom I learned simple, pristine, and clear views of the world.

The two nourishments of the mind that these teachers represent find their place, one in the intellect, the other close to the heart, and at times mingle, fuse, and bring forth innovation.

# Acknowledgments

The author gratefully acknowledges permission from the following sources to reprint the material indicated below.

Figures 6-1, 6-2, 11-1, 11-2, 11-3, 11-4—Basic Books, Inc., Publishers, New York.

Figures 9-1 and 9-2—Alfred Kröner Verlag.

Figure 9-3-UPI

Figure 9-4-The Metropolitan Museum of Art

Figure 9-8-Michael Holford Photo Library

Figure 9-9-Roger Wood, London

Figure 9-15—Tokyo National Museum; Kodansha, Ltd.

Figure 9–17—The Museum of Modern Art, New York. Mrs. Simon Guggenheim Fund.

Figure 9-20—Escher Foundation, Haags Gemeentemuseum, The Hague.

Extract from Joseph Karo, Lawyer and Mystic R. J. W. Werblowsky, © 1962 Oxford University Press, by permission of the Clarendon Press, Oxford.

Extract from Guiding Creative Talent, E. Paul Torrance, © 1962 Prentice-Hall, Inc., Englewood Cliffs, N.J.

Extract from Essays, by Henry Slonimsky (Quadrangle Books, 1967), reprinted by permission of Hebrew Union College.

"Canticle of All Created Things," St. Francis of Assisi, *Penguin Book of Italian Verse*. Edited and Translated by George Kay, © 1958 by George Kay.

## **Preface**

WHETHER it is considered from the viewpoint of its effects on society, or as one of the expressions of the human spirit, creativity stands out as an activity to be studied, cherished, cultivated.

Creativity can be studied in many ways, all rewarding in various degrees. New dimensions are always found and added to the ones already known. Those who are interested only in a behavioristic or experimental approach will not find what they want in this book. My own interest in creativity follows different avenues of inquiry and understanding, and it has had a long history. It goes back to the preparation of an article on wit and the comic, published in 1950, in which I advanced my first ideas on the subject. My interest and my studies have grown in many directions in these intervening years. As a matter of fact, I consider this book the natural outcome of all my previous works.

My work started at a clinical level, with my observations on and therapeutic dealings with the seriously mentally ill as well as with creative people. My research also extended to cognition in general, in both intrapsychic and interpersonal perspectives. When I later studied creative products in various fields, such as wit, poetry, art, and science, I was able to recognize specific cognitive mechanisms of the creative process that I had already encountered in my clinical approach and cognitive research.

Finally, I have tried to integrate my findings in social, psychostructural, and general systems contexts, and I have advanced suggestions about the promotion of creativity at individual and social levels. I am fully conscious that some of these suggestions are preliminary

### Preface

and tentative. Much remains to be done in this area, both in the educational system and in respect to the later life of the individual.

This book grew out of my work presented earlier in the final section of *The Intrapsychic Self*, but that material has been greatly expanded in this volume and integrated with other approaches.

I wish to thank my friends Mr. Mortimer Cass, who prepared the section on music for Chapter 9, and Mr. Marcel Meth, who did the statistical work for Chapter 14.

SILVANO ARIETI

Acknowle Preface	edgmo	ents	viii ix
		PART ONE	
	An	Introductory Approach to Creativity	
Chapter	1	The Creative Process Introductory Remarks 3 Spontaneity and Originality Versus Creativity 6 Ordinary Versus Great Creativity 10 From Primary to Tertiary Process 12	3
Chapter	2	The Major Theories of Creativity: A Critical Review General Psychological Theories 14 Psychoanalytic Theories 21 Motivation and Creativity 28 Concluding Remarks 33	14
		PART TWO	
T	he P	sychological Components of Creativity	
Chapter	3	Imagery Contingencies and Symbols 37 Perception 39 The Image 44 Function and Outcome of Imagery 49	37
		(xi)	

Chapter	4	Amorphous Cognition: The Endocept The Nonrepresentational Activity of the Psyche 53 The Outcome of Endoceptual Experience and Its Relation to Creativity 60	53
Chapter	5	Primitive Cognition Introductory Remarks 66 Identification Based upon Similarity 68 The Altered Relation between Word and Meaning 77 Concretization and Perceptualization of the Concept 82	66
Chapter	6	Conceptual Cognition Facing the Primary Process 84 The Use of the Concept 87 Concepts as Ideals 93 The Three Modes of Operation and Unifying Hypotheses 94  PART THREE	84
Chapter	7	The Creative Product  Creativity in Wit  Introductory Remarks 101  Freud's Contribution to the Psychology of Wit 102  Paleologic and Faulty Logic in Wit 106  The Nature and Perception of Wittiness 110  The Comic 114  Gratification of Tendencies in Wit 118  Sociological Aspects of Jokes 123  The Comic, Playing Games, and Children's Play 127  The Relation between Content and Form 128  Accessory Factors 129  Puns, Proverbs, and Parables 131	101
Chapter	8	Poetry and the Aesthetic Process The Similar in the Dissimilar: The Metaphor 136	135

(xii) 此为试读, 需要完整PDF请访问: www.ertongbook.com

	Concretization of the Concept, or Perceptualization 145  "As If" and Adualism 154  The Positive Aspect of Negation 157  Emphasis on Verbalization 157  Aesthetic Pleasure in General, and Specifically in Poetry 172  Aesthetic Work and Aesthetic Synthesis 180  The Role of Poetry 188	
Chapter 9	Painting (with a Note on Music) Preperception, Visual Perception, and Imagery 192 The Vital and the Schematic Styles and Eras 196 From Schema to Beauty 199 Fusion, Diffusion, and Misidentification 207 Idealism in Art 217 Modern Art 221 Beauty 234 A Note on Music 236	192
Chapter 10	Religion and Mystical Experiences Insight into the Supernatural 243 Contact with the Supernatural 249 Rite and Magic 264	242
Chapter 11	Science The Contributions of Poincaré and Others 268 The Process of Discovery 270 The Transcendence of the Discovery 274 Imagery 280	267
Chapter 12	Philosophy and General System Theory Philosophy as a Creative Product 285 General System Theory 288	<b>28</b> 3
	PART FOUR	
Creativ	rity and the Sociocultural Environment	
Chapter 13	Society, Culture, and Creativity The Occurrence of Genius 293 The Psychological Versus the Superorganic Origins of Personality and Culture 303	<b>29</b> 3

The Phenomenon of Creativity among Jews

PART FIVE

312

312

The Rapport between the Creativogenic Culture and the Creative-To-Be

The Creativogenic Society

Person 308

Nine Positive Social Factors

in Modern Times

Chapter 14

The Inc	dividual and the Cultivation of Creativity	•
Chapter 15	The Creative Person The Total Personality 339 Creativity and Intelligence 342 The Specific Personality Characteristics of the Creative Individual 344 The Personality of the Scientist 349 Multiple Creativity and the Renaissance Man 352 Sickness and Creativity 354 Conclusion 358	339
Chapter 16	The Cultivation of Creativity in the Individual Person Introductory Remarks 360 Creativity and the Educational System 363 Promoting Creativity in Young Adults 366 Altering the Body's Chemistry 369 Simple Attitudes and Conditions for Fostering Creativity 372 Creativity in the Middle Years and in Advanced Age 379	360
	PART SIX	
•	n the Larger Contexts of Neurology, Biol al System Theory, and the Spirit of Man	ogy,
Chapter 17	The Neurology of Creativity and Biological Creativity	387
	(xiv)	

	The Cerebral Cortex 387	
	The Creative Cortical Areas 391	
	Engrams and Complex Functional Systems 395	-
	Creativity and Neuropathology 399	
	Biological Creativity 401	
Chapter 18	Some General Issues and Conclusions	405
-	Randomness and Order, Discovery and Rediscovery 405	
	Structures and General Systems 407	
	Author's Assessment of His Work 411	
	Concluding Remarks: Man and Creativity 413	
m.1.1. 1		
Bibliography		415
Index		431

# PART ONE An Introductory Approach to Creativity

# Chapter 1 The Creative Process

### **Introductory Remarks**

O somma luce, che tanto ti levi dai concetti mortali, alla mia mente ripresta un poco di quel che parevi

e fa la lingua mia tanto possente ch'una favilla sol della tua gloria possa lasciare alla futura gente.

O light supreme, who so far dost uplift thee over mortal thoughts, lend again to my mind a little of what thou didst seem

and give my tongue such power that it may leave a single sparkle of thy glory to future men . . . .

THIS INVOCATION is made by Dante in the last canto of *The Divine Comedy* when he is about to attempt the most arduous of his efforts, the description of the presence of God. He asks God to help him; he wants to borrow from Him sufficient power to leave a spark of the divine glory to men to come. That power which transformed a vision into one of the highest human achievements and enabled Dante