

Contents



Foreword by Jean Piaget vii

Preface xi

Introduction 1

Part One: The Theory

- 1 The Nature of the System .. 15
- 2 Basic Properties of Cognitive Functioning .. 41
- 3 The Sensory-Motor Period: General Development .. 85
- 4 Special Sensory-Motor Evolutions and the Subperiod
of Preoperational Thought .. 122
- 5 Concrete Operations .. 164
- 6 Formal Operations and Perception .. 202
- 7 The Equilibrium Model, Genetic Epistemology,
and General Summary .. 237

Part Two: The Experiments

- 8 The Early Work .. 269
- 9 Quantity, Logic, Number, Time, Movement, and Velocity .. 298
- 10 Space, Geometry, Chance, Adolescent Reasoning,
and Perception .. 327
- 11 Other Studies .. 357

Part Three: Critique

12 An Evaluation of the System ·· 405

Bibliography ·· 447

Index ·· 463