Contents

Preface

PART I: APPLICATION OF BEHAVIOR ANALYSIS TO PRESCHOOL AND ELEMENTARY EDUCATION

Stimulus Control Procedures in the Education of Young Children 3

Barbara C. Etzel, Judith M. LeBlanc, Kathryn J. Schilmoeller, and M. Elizabeth Stella

Introduction 3

Preattending Skills 7

Instructional Control 11

Stimulus Control 19

Summary 35

References 35

2. Uses of Self-Control Techniques in Programming Generalization 39

Donald M. Baer, Jacqueline Holman, Trevor F.

Stokes, and Susan A. Fowler

Introduction 39

Study I 41

Study II 53

References 60

3. Issues and Trends in Behavior Modification in the Classroom 63

Beth Sulzer-Azaroff

Introduction 63

Selecting Target Behaviors 64

Specifying the Client 73

Antecedents Versus Consequences 74

The Nature of Consequences 83

Reinforcing the Behavior of Individuals and of

Groups 85

Consumerism 88

Summary 89

References 89

PART II: APPLICATION OF BEHAVIOR ANALYSIS TO EXCEPTIONAL CHILDREN AND ADULTS

4. Behavioral Teaching of Young Handicapped Children:

Problems of Application and Implementation 97

Sidney W. Bijou

Introduction 97

Problems Associated with Incomplete and

Inappropriate Applications 99

Problems Associated with Limited Development of

Educational Tools 105

Summary 109

References 110

5. Graphing Academic Performances of Mildly

Handicapped Children 111

Thomas C. Lovitt

Introduction 111

Applied Behavior Analysis 112

Research 116

Current Practice and Future Research 139

References 142

6. Direct Instruction: A Behavior Theory Model for Comprehensive Educational Intervention with the

Disadvantaged 145

Wesley C. Becker and Douglas W. Carnine

Introduction 145

The Follow Through Evaluation 146

The Direct Instructional Model 170

Implications 197

References 203

7. Behavioral Treatment of Juvenile Deliquency 211

Curtis J. Braukmann, Kathryn A. Kirigin, and

Montrose M. Wolf

Introduction 217

American Delinquency and Traditional

Response 211

Interventions Employing Behavioral

Procedures 213

Overview of Institutional Interventions:

Procedures and Results 214

Overview of Community Interventions:

Procedures and Results 216

Achievement Place Group Homes: Procedures

and Results 220

Conclusion 225

References 227

8. Illiteracy: Methological Bases for a Behavioral

Approach 233

Henry Casalta C.

Introduction 233

The Program 237

Design of Investigations 241

Organizational Project 243

Summary 248

References 248

PART III: APPLICATION OF BEHAVIOR ANALYSIS TO HIGHER EDUCATION

Curriculum Design in Higher Education from a Behavioral Perspective: A Case Study 253

Emilio Ribes

Introduction 253

The Search for Congruence Between the System and

its Contents: The Case of Psychology 255

References 268

10. PSI: Variations on a Theme 269

Daniel M. Sussman

Introduction 269

The Queen's College PSI Course 272

References 279

vi CONTENTS

11. Do the Data Count? 281

J. Gilmour Sherman

Introduction 281

Background 282

What the Data Indicate 283

Impact of the Data 285

The Components of the Learning Process 286
The Comprehensiveness of PSI Research 287

Conclusion 288 References 289

PART IV: COMMENTS

12. Notes on Educational Reform 293

Fred S. Keller

Introduction 293

The PSI Format 294

Implications of Widespread Adoption of PSI 295

13. Behavior Modification: Problems and Limitations 297

Roberto Ruiz and Edmundo Chirinos

The Meaning of a Technology of Behavior 297

The Question of Multiple Responses 298

The Question of Performance Criterion 299

References 299

Author Index 300

Subject Index 308