

Contents

INTRODUCTION

- Historical Perspectives 3
CAROL SCHNEIDER LIDZ
Historical Review, 4. Goals of This Volume, 25.

I. THEORETICAL AND EMPIRICAL FOUNDATIONS

1. Prerequisites for Assessment of Learning Potential:
The LPAD Model 35
REUVEN FEUERSTEIN, YAACOV RAND, MOGENS
REIMER JENSEN, SHLOMO KANIEL, AND
DAVID TZURIEL
Disenchantment with Psychometric Theory and Practice, 37. At-
tempts to Modify Psychometric Practice, 38. The LPAD as a Struc-
tural Dynamic Assessment Model, 43. Significance of LPAD Profile
for Structural Cognitive Modifiability, 48. Summary, 51.
2. The Validity of Learning Potential Assessment 52
MILTON BUDOFF
The Logic of Learning Potential Assessment, 54. Measurement of
Learning Potential, 57. The Problem of the Criterion of Learning
Potential Status, 57. Social, Demographic, and Psychometric Corre-
lates of Improved Performance following Training, 60. Educational
Implications of Learning Potential Status, 62. The Special Class Stu-
dent's World Inside and Outside of School, 72. Summary and Con-
clusions, 76.
3. Linking Dynamic Assessment with School Achievement 82
JOSEPH C. CAMPIONE AND ANN L. BROWN
A General Framework, 83. Background, 84. Specific Studies, 91.
Summary, 107. Appendix A: A Sample Hint Sequence for a Rota-
tion Problem, 110. Appendix B: Examples of Learning, Mainte-
nance, and Transfer Items, 111. Appendix C: The Acquisition of
Question Asking by a Weak Seventh-Grade Student (Charles), 112.
Appendix D: Improvement in Question Asking by a More Compe-
tent Seventh-Grade Student (Sara), 114.

4. Implications of Vygotsky's Theories for Dynamic Assessment 116
 NORRIS MINICK
 Development of Dynamic Assessment Procedures, 116. The Zone of Proximal Development (ZPD): Current Interpretations and Applications in Assessment, 119. Vygotsky's Conception of the ZPD, 122. The Concept of the ZPD and the Problem of Instruction and Development, 127. The ZPD and the Diagnostics of Psychological Development, 134. Conclusion, 136.
5. Toward Development of a Psychometric Approach 141
 SUSAN E. EMBRETSON
 Designing Dynamic Tests: Psychometric Issues, 143. Scoring the Dynamic Test, 150. Reliability, 158. Validity, 161. Conclusion and Summary, 167.
- II. APPLICATIONS TO CURRENT PRACTICE
6. Measures for Assessing Learning Potential 173
 MILTON BUDOFF
 The Instruments, 174. Learning Potential Assessment with Other Populations, 187. Conclusion, 192.
7. Group Administration of the LPAD 196
 YAACOV RAND AND SHLOMO KANIEL
 Theoretical Considerations, 196. Battery Composition and Group Testing Procedures, 198. Empirical Findings, 200. LPAD Cultural, Test Reliability, and Interventional Aspects, 202. Conclusions, 213.
8. Relating Learning Styles to Learning Capability 215
 DENIS H. STOTT
 Developing Learning Capability in the Retarded, 215. Empirical Studies of the Validity of the Concept of Learning Style as a Factor in Attainment, 229.
9. Assessing the Learning Potential of Kindergarten and Primary-Age Children 237
 JUDITH S. MEARIG
 Young Children's Cognitive Functions: Deficient or Emergent? 239. General Principles for Dynamic Assessment with Kindergarten-Primary-age Children, 244. Modifications of LPAD Instruments for Kindergarten-Primary-age Slow-Learning Children, 247. Simplified Versions of Some LPAD Instruments, 248. Conclusions, 266.

10. **Assessing the Young Child: Children's Analogical Thinking Modifiability** 268
 DAVID TZURIEL AND PNINA S. KLEIN
 Development of Dynamic Assessment for Young Children, 270. The Children's Analogical Thinking Modifiability (CATM) Instrument, 272. An Empirical Validation Study, 276. Discussion, 282.
11. **The Preschool Learning Assessment Device: Extension of a Static Approach** 288
 CAROL SCHNEIDER LIDZ AND CATHERINE THOMAS
 Why a Preschool Procedure? 289. The Cognitive Functioning of Preschool Children, 289. Mediated Learning Experience and Dynamic Assessment, 293. The Preschool Learning Assessment Device: Background, 295. Research on the PLAD, 300. Future Directions, 303. Appendix A: PLAD Procedures, 307. Appendix B: Preschool Learning Assessment Device Results Feedback Form (Blank Form), 310. Appendix C: Client WF—PLAD Sample Psychological Assessment, 311; Preschool Learning Assessment Device Results Feedback Form, 314; PLAD Educational Plan, 315. Appendix D: Client HR—PLAD Sample Psychological Assessment, 318; Preschool Learning Assessment Device Results Feedback Form, 320; PLAD Educational Plan, 321. Appendix E: MLE Observation Form and Rating Scale—Revised, 324.
12. **A Comprehensive Approach to Assessing Intellectually Handicapped Children** 327
 NANCY J. VYE, M. SUSAN BURNS, VICTOR R. DELCLOS, AND JOHN D. BRANSFORD
 Overview of Research Issues, 327. Mediation Assessment, 329. Graduated Prompting Assessment, 331. The Utility of Dynamic Assessment for Predicting Learning Ability, 331. Preliminary Findings on Dynamic Assessment and Educational Prescriptions, 341. Factors Related to the Implementation of Dynamic Assessment, 347. Summary and Conclusions, 354. Appendix A: Mediation Procedure for the Stencil Design Test, 357. Appendix B: Graduated Prompting Procedure for the Stencil Design Task, 358.
13. **Assessing Deaf Children** 360
 KEVIN J. KEANE
 Characteristics of the Deaf Population, 360. Manifest Functioning of the Deaf, 361. Intelligence Testing with the Deaf, 362. Dynamic Assessment with the Deaf, 363. Mediated Learning and the Deaf, 368. Conclusion, 373.

III. ISSUES AND IMPLICATIONS

14. The Learning Potential Assessment Device: From Philosophy to Practice 379
MOGENS REIMER JENSEN AND REUVEN FEUERSTEIN
Philosophy, 379. The Theory of Structural Cognitive Modifiability, 380. The Proposed Learning Paradigm, 383. LPAD Techniques and Instruments, 384. The LPAD Tools, 396. Active Modification Approaches and Dynamic Assessment: Some Implications, 397. Differential Application of the LPAD, 401.
15. The Training of Dynamic Assessors 403
JOEL MEYERS
An Overview of Process Assessment, 404. Training Dilemmas, 405. Training Techniques, 411. Conclusions, 423.
16. Dynamic Assessment as a Nondiscriminatory Procedure 426
TREVOR E. SEWELL
Issues in Psychometric Assessment of Minorities, 426. Nondiscriminatory Assessment: The Legal Context, 429. Effectiveness of Special Classes for the Mildly Retarded, 432. Dynamic Assessment and Conceptual Framework, 433. Dynamic Assessment Procedure, 435. The Validity of Dynamic Assessment as a Nondiscriminatory Procedure, 438. Summary, 440.
17. Cognitive Deficiencies Revisited 444
CAROL SCHNEIDER LIDZ
Mechanism and Structure, 446. Process and Function, 449. Cognitive Strategies, 451. Cognitive Style, 455. The Dynamic Assessment Situation, 458. Research on Cognitive Deficiencies, 463. Appendix A: Feuerstein's List of Cognitive Deficiencies, 470. Appendix B: Structures—Literature Review, 471. Appendix C: Processes—Literature Review, 471. Appendix D: Strategies—Literature Review, 474.

CONCLUSION

- State of the Art and Future Directions 479
JOHN D. BRANSFORD, VICTOR R. DELCLOS, NANCY J. VYE,
M. SUSAN BURNS, AND TED S. HASSELBRING
Different Approaches to Dynamic Assessment, 480. Dissatisfactions with Traditional Assessment Techniques, 481. Roles for Dynamic Assessment in Educational Practice, 482. The Importance of Different Types of Instruction, 486. Assumptions about the Generality of

Findings from Dynamic Assessment, 487. Theories of Performance Difficulties, 488. Decision about Choices of Assessment Tasks, 492. Summary, 494.

Index

497