Table of Contents

I. The Origins of Intellectual Assessment
   1. A History of Intelligence Assessment: The Unfinished Tapestry, John D. Wasserman
   2. A History of Intelligence Test Interpretation, Randy W. Kamphaus, Anne Pierce Winsor, Ellen W. Rowe, and Sangwon Kim

II. Contemporary Theoretical Perspectives
   3. Foundations for Better Understanding of Cognitive Abilities, John L. Horn and Nayena Blankson
   4. The Cattell–Horn–Carroll (CHC) Model of Intelligence, W. Joel Schneider and Kevin S. McGrew
   5. Assessment of Intellectual Profile: A Perspective from Multiple-Intelligences Theory, Jie-Qi Chen and Howard Gardner
   6. The Triarchic Theory of Successful Intelligence, Robert J. Sternberg

III. Contemporary Intelligence, Cognitive, and Neuropsychological Batteries (and Associated Achievement Tests)
   8. The Wechsler Adult Intelligence Scale—Fourth Edition (WAIS-IV) and the Wechsler Memory Scale—Fourth Edition (WMS-IV), Lisa Whipple Drozdick, Dustin Wahlstrom, Jianjun Zhu, and Lawrence G. Weiss
   10. The Stanford–Binet Intelligence Scales, Fifth Edition (SB5), Gale H. Roid and Mark Pomplun
   14. The Universal Nonverbal Intelligence Test (UNIT): A Multidimensional Nonverbal Alternative for Cognitive Assessment, R. Steve McCallum and Bruce A. Bracken
   15. The Cognitive Assessment System (CAS): From Theory to Practice, Jack A. Naglieri and Tulio M. Otero
   16. The Reynolds Intellectual Assessment Scales (RIAS) and the Reynolds Intellectual Screening Test (RIST), Cecil R. Reynolds, Randy W. Kamphaus, and Tara C. Raines
   17. The NEPSY-II, Robb N. Matthews, Cynthia A. Riccio, and John L. Davis
   18. The Wechsler Nonverbal Scale of Ability (WNV): Assessment of Diverse Populations, Jack A. Naglieri and Tulio M. Otero

IV. Contemporary Interpretive Approaches and Their Relevance for Intervention
   22. Testing with Culturally and Linguistically Diverse Populations: Moving beyond the Verbal–Performance Dichotomy into Evidence-Based Practice, Samuel O. Ortiz, Salvador Hector Ochoa, and Agnieszka M. Dynda
   23. Linking Cognitive Abilities to Academic Interventions for Students with Specific Learning Disabilities (SLD), Nancy Mather and Barbara J. Wendling

V. Assessment of Intelligence and Cognitive Functioning in Different Populations
   24. Cognitive Assessment in Early Childhood: Theoretical and Practical Perspectives, Laurie Ford, Michelle L. Kozey, and Juliana Negreiros
   25. Use of Intelligence Tests in the Identification of Giftedness, David E. McIntosh, Felicia A. Dixon, and Eric E. Pierson
   27. Assessment of Intellectual Functioning in Autism Spectrum Disorder (ASD), Laura Grofer Klinger, Sarah E. O’Kelley, Joanna L. Mussey, Sam Goldstein, and Melissa De Vries
   28. Cognitive and Neuropsychological Assessment of ADHD: Redefining a Disruptive Behavior Disorder, James B. Hale, Megan Yim, Andrea N. Schneider, Gabrielle Wilcox, Julie N. Henzel, and Shauna G. Dixon
   29. Intellectual and Neuropsychological Assessment of Individuals with Sensory and Physical Disabilities and Traumatic Brain Injury, Scott L. Decker, Julia A. Englund, and Alycia M. Roberts
   30. Use of Intelligence Tests in the Identification of Children with Intellectual and Developmental Disabilities (IDD), Kathleen Armstrong, Jason Hangauer, and Joshua Nadeau

VI. Contemporary and Emerging Issues in Intellectual Assessment
   31. Using Joint Test Standards to Evaluate the Validity Evidence for Intelligence Tests, Jeffery P. Braden and Bradley C.
32. Using Confirmatory Factor Analysis (CFA) to Aid in Understanding the Constructs Measured by Intelligence Tests, Timothy Z. Keith and Matthew R. Reynolds

33. The Emergence of Neuropsychological Constructs into Tests of Intelligence and Cognitive Abilities, Daniel C. Miller and Denise E. Maricle

34. The Role of Cognitive and Intelligence Tests in the Assessment of Executive Functions, Denise E. Maricle and Erin Avirett


36. Intellectual, Cognitive, and Neuropsychological Assessment in Three-Tier Service Delivery Practices in Schools, George McCloskey, James Whitaker, Ryan Murphy, and Jane Rogers

Appendix. The Three-Stratum Theory of Cognitive Abilities, John B. Carroll