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	14 Stereotypes and Math PerformancePart 3: Learning and Performance Disabilities in Math and Number Processing; 15 Learning Disabilities in Arithmetic and Mathematics: Theoretical and Empirical Perspectives; 16 Math Performance in Girls with Turner or Fragile X Syndrome; 17 Number Processing in Neurodevelopmental Disorders: Spina Bifida Myelomeningocele; 18 Math Anxiety and Its Cognitive Consequences: A Tutorial Review; Part 4: Calculation and Cognition; 19 What Everyone Finds: The Problem-Size Effect; 20 Architectures for Arithmetic; 21 Mathematical Cognition and Working Memory 22 Mathematical Problem Solving: The Roles of Exemplar, Schema, and Relational Representations23 Aging and Mental Arithmetic; 24 Calculation Abilities in Expert Calculators; Part 5: Neuropsychology of Number Processing and Calculation; 25 Three Parietal Circuits for Number Processing; 26 Developmental Dyscalculia; 27 Rehabilitation of Acquired Calculation and Number Processing Disorders; Author Index; Subject Index
Sommario/riassunto	How does the brain represent number and make mathematical calculations? What underlies the development of numerical and mathematical abilities? What factors affect the learning of numerical concepts and skills? What are the biological bases of number knowledge? Do humans and other animals share similar numerical representations and processes? What underlies numerical and mathematical disabilities and disorders, and what is the prognosis for rehabilitation? These questions are the domain of mathematical cognition, the field of research concerned with the cognitive and neurological processes t