1. Record Nr. UNISA996473272703316 Handbook of Cognitive Mathematics [[electronic resource] /] / edited by Titolo Marcel Danesi Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2021 **ISBN** 3-030-44982-3 Disciplina 519 Soggetti Mathematics Social sciences Mathematics—Study and teaching Neurosciences Mathematics—Philosophy Mathematical models Mathematics in the Humanities and Social Sciences **Mathematics Education** Philosophy of Mathematics Mathematical Modeling and Industrial Mathematics Mathematics in Music Ensenyament de la matemàtica Cognició Aptitud per a la matemàtica Llibres electrònics

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Sommario/riassunto Cognitive mathematics provides insights into how mathematics works

inside the brain and how it is interconnected with other faculties through so-called blending and other associative processes. This handbook is the first large collection of various aspects of cognitive mathematics to be amassed into a single title, covering decades of

connection between mathematics and other figurative processes as they manifest themselves in language, art, and even algorithms. It will be of use to anyone working in math cognition and education, with each section of the handbook edited by an international leader in that field