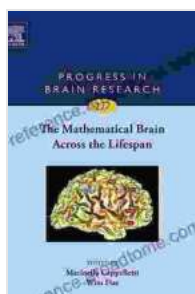


The Mathematical Brain Across the Lifespan

Overview

The Mathematical Brain Across the Lifespan provides an overview of the development of mathematical abilities, from infancy to adulthood, and explores the latest research on the neural and cognitive processes involved in mathematical thinking.



The Mathematical Brain Across the Lifespan (ISSN Book 227)

★★★★★ 5 out of 5

Language : English
File size : 14772 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 388 pages



The book is divided into three parts.

1. The first part focuses on the early development of mathematical abilities, from infancy to preschool.
2. The second part examines the development of mathematical abilities during the school years.
3. The third part explores the neural and cognitive processes involved in mathematical thinking in adults.

Part 1: The Early Development of Mathematical Abilities

The first part of the book focuses on the early development of mathematical abilities, from infancy to preschool.

This part of the book reviews the research on the development of number sense, spatial reasoning, and problem-solving skills in infants and young children.

The authors also discuss the role of play and language in the development of mathematical abilities.

Part 2: The Development of Mathematical Abilities During the School Years

The second part of the book examines the development of mathematical abilities during the school years.

This part of the book reviews the research on the development of arithmetic skills, algebraic skills, and geometric skills in children and adolescents.

The authors also discuss the role of instruction and practice in the development of mathematical abilities.

Part 3: The Neural and Cognitive Processes Involved in Mathematical Thinking in Adults

The third part of the book explores the neural and cognitive processes involved in mathematical thinking in adults.

This part of the book reviews the research on the brain areas involved in mathematical thinking, the cognitive processes involved in mathematical

problem-solving, and the relationship between mathematical ability and other cognitive abilities.

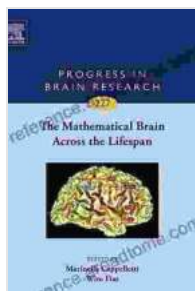
The Mathematical Brain Across the Lifespan is a comprehensive and up-to-date overview of the development of mathematical abilities, from infancy to adulthood.

The book is a valuable resource for researchers, educators, and anyone interested in the development of mathematical thinking.

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To Free Download your copy of The Mathematical Brain Across the Lifespan, please visit our website or your local bookstore.

Thank you for your interest in our book!

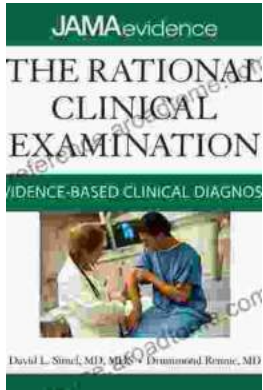


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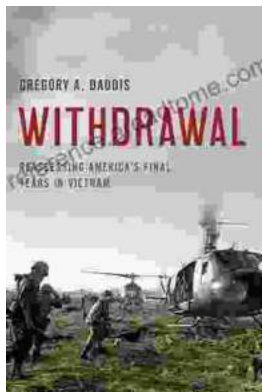
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