



Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being

George Lakoff, Rafael E. Nunez

Download now

[Click here](#) if your download doesn't start automatically

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being

George Lakoff, Rafael E. Nunez

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being George Lakoff, Rafael E. Nunez

When you think about it, it seems obvious: The only mathematical ideas that human beings can have are ideas that the human brain allows. We know a lot about what human ideas are like from research in Cognitive Science. Most ideas are unconscious, and that is no less true of the mathematical ones. Abstract ideas, for the most part, arise via conceptual metaphor—a mechanism for projecting embodied (that is, sensory-motor) reasoning to abstract reasoning. This book argues that conceptual metaphor plays a central, defining role in mathematical ideas within the cognitive unconscious—from arithmetic and algebra to sets and logic to infinity in all of its forms: transfinite numbers, points at infinity, infinitesimals, and so on. Even the real numbers, the imaginary numbers, trigonometry, and calculus are based on metaphorical ideas coming out of the way we function in the everyday physical world. This book is about mathematical ideas, about what mathematics means—and why. The authors believe that understanding the metaphors implicit in mathematics will make mathematics make more sense. Moreover, understanding mathematical ideas and how they arise from our bodies and brains will make it clear that the brain's mathematics is mathematics, the only mathematics we know or can know.

 [Download Where Mathematics Comes From: How The Embodied Min ...pdf](#)

 [Read Online Where Mathematics Comes From: How The Embodied M ...pdf](#)

Download and Read Free Online Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being George Lakoff, Rafael E. Nunez

From reader reviews:

Joshua Stamper:

The event that you get from Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being is the more deep you searching the information that hide in the words the more you get enthusiastic about reading it. It doesn't mean that this book is hard to be aware of but Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being giving you joy feeling of reading. The author conveys their point in specific way that can be understood simply by anyone who read the idea because the author of this book is well-known enough. This specific book also makes your vocabulary increase well. It is therefore easy to understand then can go to you, both in printed or e-book style are available. We propose you for having this specific Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being instantly.

Charles Lee:

Reading can called imagination hangout, why? Because if you find yourself reading a book mainly book entitled Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being your mind will drift away trough every dimension, wandering in every single aspect that maybe mysterious for but surely can be your mind friends. Imaging every word written in a guide then become one contact form conclusion and explanation in which maybe you never get prior to. The Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being giving you another experience more than blown away your thoughts but also giving you useful data for your better life in this era. So now let us present to you the relaxing pattern the following is your body and mind is going to be pleased when you are finished reading it, like winning an activity. Do you want to try this extraordinary wasting spare time activity?

David Wysocki:

Are you kind of active person, only have 10 or perhaps 15 minute in your moment to upgrading your mind talent or thinking skill possibly analytical thinking? Then you are receiving problem with the book in comparison with can satisfy your short space of time to read it because pretty much everything time you only find e-book that need more time to be go through. Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being can be your answer as it can be read by anyone who have those short free time problems.

Bonnie Parker:

Publication is one of source of understanding. We can add our understanding from it. Not only for students but also native or citizen will need book to know the update information of year to help year. As we know those textbooks have many advantages. Beside all of us add our knowledge, also can bring us to around the world. With the book Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being we can consider more advantage. Don't someone to be creative people? Being creative person must

want to read a book. Merely choose the best book that acceptable with your aim. Don't become doubt to change your life with that book Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being. You can more inviting than now.

Download and Read Online Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being George Lakoff, Rafael E. Nunez #LB6JZCKEYU3

Read Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez for online ebook

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez books to read online.

Online Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez ebook PDF download

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez Doc

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez Mobipocket

Where Mathematics Comes From: How The Embodied Mind Brings Mathematics Into Being by George Lakoff, Rafael E. Nunez EPub