



How to Bake Pi

By Eugenia Cheng

HIGHBRIDGE AUDIO, United States, 2015. CD-Audio. Book Condition: New. Unabridged. 152 x 140 mm. Language: English . Brand New. What is math? And how exactly does it work? In How to Bake Pi, math professor Eugenia Cheng provides an accessible introduction to the logic of mathematics-sprinkled throughout with recipes for everything from crispy duck to cornbread-that illustrates to the general reader the beauty of math. Rather than dwell on the math of our high school classes, with formulas to memorize and confusing symbols to decipher, Cheng takes us into a world of abstract mathematics, showing us how math can be so much more than we ever thought possible. Cheng is an expert on category theory, a cutting-edge subject that is all about figuring out how math works, a kind of mathematics of mathematics. In How to Bake Pi, Cheng starts with the basic question What is math? to explain concepts like abstraction, generalization, and idealization. By going back to the logical foundation of the math we all know (and may or may not love), she shows that math is actually designed to make difficult things easier. From there, she introduces us to category theory, explaining how it works to organize...



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