



# Gamma: Exploring Euler's Constant (Princeton Science Library)

*Julian Havil*

Download now

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

# Gamma: Exploring Euler's Constant (Princeton Science Library)

*Julian Havil*

**Gamma: Exploring Euler's Constant (Princeton Science Library) Julian Havil**

Among the myriad of constants that appear in mathematics,  $p$ ,  $e$ , and  $i$  are the most familiar. Following closely behind is  $g$ , or gamma, a constant that arises in many mathematical areas yet maintains a profound sense of mystery.

In a tantalizing blend of history and mathematics, Julian Havil takes the reader on a journey through logarithms and the harmonic series, the two defining elements of gamma, toward the first account of gamma's place in mathematics.

Introduced by the Swiss mathematician Leonhard Euler (1707-1783), who figures prominently in this book, gamma is defined as the limit of the sum of  $1 + 1/2 + 1/3 + \dots$  up to  $1/n$ , minus the natural logarithm of  $n$ --the numerical value being 0.5772156. . . . But unlike its more celebrated colleagues  $p$  and  $e$ , the exact nature of gamma remains a mystery--we don't even know if gamma can be expressed as a fraction.

Among the numerous topics that arise during this historical odyssey into fundamental mathematical ideas are the Prime Number Theorem and the most important open problem in mathematics today--the Riemann Hypothesis (though no proof of either is offered!).

Sure to be popular with not only students and instructors but all math aficionados, *Gamma* takes us through countries, centuries, lives, and works, unfolding along the way the stories of some remarkable mathematics from some remarkable mathematicians.

 [Download Gamma: Exploring Euler's Constant \(Princeton Scien ...pdf](#)

 [Read Online Gamma: Exploring Euler's Constant \(Princeton Sci ...pdf](#)

## **Download and Read Free Online Gamma: Exploring Euler's Constant (Princeton Science Library) Julian Havil**

---

### **From reader reviews:**

#### **Emily Walker:**

Book is actually written, printed, or illustrated for everything. You can learn everything you want by a publication. Book has a different type. As we know that book is important issue to bring us around the world. Next to that you can your reading ability was fluently. A e-book Gamma: Exploring Euler's Constant (Princeton Science Library) will make you to end up being smarter. You can feel much more confidence if you can know about every thing. But some of you think that open or reading the book make you bored. It is not make you fun. Why they can be thought like that? Have you seeking best book or suited book with you?

#### **Cynthia Gomez:**

Many people spending their time frame by playing outside having friends, fun activity using family or just watching TV all day long. You can have new activity to enjoy your whole day by reading a book. Ugh, think reading a book will surely hard because you have to use the book everywhere? It okay you can have the e-book, bringing everywhere you want in your Smart phone. Like Gamma: Exploring Euler's Constant (Princeton Science Library) which is having the e-book version. So , try out this book? Let's notice.

#### **Cheryl Lopez:**

On this era which is the greater particular person or who has ability to do something more are more precious than other. Do you want to become one among it? It is just simple solution to have that. What you have to do is just spending your time almost no but quite enough to experience a look at some books. One of several books in the top record in your reading list is definitely Gamma: Exploring Euler's Constant (Princeton Science Library). This book which is qualified as The Hungry Mountains can get you closer in getting precious person. By looking upward and review this book you can get many advantages.

#### **Bradford Bryant:**

Reading a e-book make you to get more knowledge from the jawhorse. You can take knowledge and information from a book. Book is composed or printed or descriptive from each source this filled update of news. With this modern era like right now, many ways to get information are available for anyone. From media social such as newspaper, magazines, science guide, encyclopedia, reference book, story and comic. You can add your understanding by that book. Do you want to spend your spare time to open your book? Or just trying to find the Gamma: Exploring Euler's Constant (Princeton Science Library) when you necessary it?

**Download and Read Online Gamma: Exploring Euler's Constant  
(Princeton Science Library) Julian Havil #3NGC76P89WQ**

## **Read Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil for online ebook**

Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil 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 Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil books to read online.

## **Online Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil ebook PDF download**

### **Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil Doc**

Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil Mobipocket

Gamma: Exploring Euler's Constant (Princeton Science Library) by Julian Havil EPub