



## The Haskell Road to Logic, Maths and Programming: v. 4 (Paperback)

By Kees Doets, Jan van Eijck

Kings College Publications, United Kingdom, 2004. Paperback. Book Condition: New. 226 x 150 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Long ago, when Alexander the Great asked the mathematician Menaechmus for a crash course in geometry, he got the famous reply There is no royal road to mathematics. Where there was no shortcut for Alexander, there is no shortcut for us. Still, the fact that we have access to computers and mature programming languages means that there are avenues for us that were denied to the kings and emperors of yore. The purpose of this book is to teach logic and mathematical reasoning in practice, and to connect logical reasoning with computer programming in Haskell. Haskell emerged in the 1990s as a standard for lazy functional programming, a programming style where arguments are evaluated only when the value is actually needed. Haskell is a marvelous demonstration tool for logic and maths because its functional character allows implementations to remain very close to the concepts that get implemented, while the laziness permits smooth handling of infinite data structures. This book does not assume the reader to have previous experience with either programming or construction of formal proofs,...



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[ 3.4 MB ]

### Reviews

*This written ebook is excellent. It is amongst the most awesome ebook i have study. You will not truly feel monotony at whenever you want of the time (that's what catalogs are for regarding if you ask me).*

-- Devante Langworth IV

*Complete guideline! Its this kind of good read. It can be written in easy terms rather than difficult to understand. I am delighted to tell you that here is the very best book i have got go through during my very own lifestyle and might be the greatest ebook for at any time.*

-- Bill Klein