Computational Semantics With Functional Programming
Synopsis

Computational semantics is the art and science of computing meaning in natural language. The meaning of a sentence is derived from the meanings of the individual words in it, and this process can be made so precise that it can be implemented on a computer. Designed for students of linguistics, computer science, logic and philosophy, this comprehensive text shows how to compute meaning using the functional programming language Haskell. It deals with both denotational meaning (where meaning comes from knowing the conditions of truth in situations), and operational meaning (where meaning is an instruction for performing cognitive action). Including a discussion of recent developments in logic, it will be invaluable to linguistics students wanting to apply logic to their studies, logic students wishing to learn how their subject can be applied to linguistics, and functional programmers interested in natural language processing as a new application area.

Book Information

Paperback: 422 pages
Publisher: Cambridge University Press; 1 edition (November 1, 2010)
Language: English
ISBN-10: 0521757606
Product Dimensions: 6.8 x 0.9 x 9.7 inches
Shipping Weight: 1.8 pounds (View shipping rates and policies)
Average Customer Review: 5.0 out of 5 starsî See all reviewsî (1 customer review)
Best Sellers Rank: #820,086 in Books (See Top 100 in Books)  #215 in Books > Reference > Words, Language & Grammar > Semantics  #1992 in Books > Textbooks > Humanities > Linguistics  #3262 in Books > Politics & Social Sciences > Social Sciences > Linguistics

Customer Reviews

really well written

Download to continue reading...