



Computability Theory: An Introduction to Recursion Theory

By Enderton, Herbert B.

Academic Press, 2010. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "This textbook on basic computability theory is at the upper-undergraduate level."-- Zentralblatt MATH 2012-1243-03057 "Enderton (U. of California, Los Angeles) has written a clear, focused, and surprisingly literate textbook - it is a rare mathematician who is this adept with words - describing the history and theory of recursion theory that will be ideal for one-semester advanced courses in mathematics and computer science. After the concepts and theories are introduced, the equivalence of computable partial function and recursive partial function are demonstrated, in part through proofs of the unsolvability of the halting problem and of the enumeration theorem. Other chapters describe the properties of recursively enumerable sets, the link between computability theory and Gdel's incompleteness theorem, relative computability and degrees of unsolvability, and polynomial time computability. Appendices are included on Mathspeak, countability, and decadic notation."-- SciTechBookNews "Computability is concerned with the question of what computers can do in principle. Since Enderton directly contributed to the very areas that this book covers (computability and computational complexity), he is able to provide a concise and comprehensive firsthand view on the subject. As a scholar in...



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