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Soggetti	Computer science—Mathematics Artificial intelligence Information storage and retrieval Mathematical logic Application software Symbolic and Algebraic Manipulation Artificial Intelligence Math Applications in Computer Science Information Storage and Retrieval Mathematical Logic and Formal Languages Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
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Nota di contenuto	Basic concepts of computability and new Turing machines -- Logics including non-classical ones -- Reasoning -- Learning -- Decision support systems.-Machine intelligence and epistemology and philosophy of symbolic mathematical computing.
Sommario/riassunto	This book constitutes the refereed proceedings of the 12th International Conference on Artificial Intelligence and Symbolic Computation, AISC 2014, held in Seville, Spain, in December 2014. The 15 full papers presented together with 2 invited papers were carefully reviewed and selected from 22 submissions. The goals were on one

side to bind mathematical domains such as algebraic topology or algebraic geometry to AI but also to link AI to domains outside pure algorithmic computing. The papers address all current aspects in the area of symbolic computing and AI: basic concepts of computability and new Turing machines; logics including non-classical ones; reasoning; learning; decision support systems; and machine intelligence and epistemology and philosophy of symbolic mathematical computing.
