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Collana	Lecture Notes in Artificial Intelligence ; ; 10383
Disciplina	006.3
Soggetti	Artificial intelligence Mathematical logic Computer logic Software engineering Programming languages (Electronic computers) Computer simulation Artificial Intelligence Mathematical Logic and Formal Languages Logics and Meanings of Programs Software Engineering Programming Languages, Compilers, Interpreters Simulation and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Calculus track: integration of symbolic computation and mechanized reasoning -- Digital Mathematics Libraries track: math-aware technologies, standards, algorithms, and processes -- Mathematical Knowledge Management track: aspects of managing mathematical knowledge, in informal, semi-formal, and formal settings -- Systems and Projects track: descriptions of systems and relevant projects as key research topics.
Sommario/riassunto	This book constitutes the refereed proceedings of the 10th

International Conference on Intelligent Computer Mathematics, CICM 2017, held in Edinburgh, Scotland, in July 2017. The 22 full papers and 3 abstracts of invited papers presented were carefully reviewed and selected from a total of 40 submissions. The papers are organized in three tracks: the Calculemus track examining the integration of symbolic computation and mechanized reasoning; the Digital Mathematics Libraries track dealing with math-aware technologies, standards, algorithms, and processes; the Mathematical Knowledge Management track being concerned with all aspects of managing mathematical knowledge, in informal, semi-formal, and formal settings. An additional track Systems and Projects contains descriptions of systems and relevant projects, both of which are key to a research topic where theory and practice interact on explicitly represented knowledge.
