1.	Record Nr.	UNISA996466140003316
	Titolo	Higher Order Logic Theorem Proving and Its Applications [[electronic resource]] : 8th International Workshop, Aspen Grove, UT, USA, September 11 - 14, 1995. Proceedings / / edited by E. Thomas Schubert, Phillip J. Windley, James Alves-Foss
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995
	ISBN	3-540-44784-9
	Edizione	[1st ed. 1995.]
	Descrizione fisica	1 online resource (VIII, 408 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 971
	Disciplina	004/.01/5113
	Soggetti	Architecture, Computer
		Mathematical logic
		Artificial intelligence
		Logic design
		Electronics
		Microelectronics
		Computer System Implementation
		Mathematical Logic and Foundations
		Mathematical Logic and Formal Languages
		Artificial Intelligence
		Logic Design
		Electronics and Microelectronics, Instrumentation
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Mechanizing a ?-calculus equivalence in HOL -- Non-primitive recursive function definitions -- Experiments with ZF set theory in HOL and Isabelle -- Automatically synthesized term denotation predicates: A proof aid -- On the refinement of symmetric memory protocols -- Combining decision procedures in the HOL system -- Deciding cryptographic protocol adequacy with HOL -- A practical method for reasoning about distributed systems in a theorem prover -- A theory of finite maps -- Virtual theories -- An automata theory dedicated

towards formal circuit synthesis -- Interfacing HOL90 with a functional database query language -- Floating point verification in HOL -- Inductive definitions: Automation and application -- A formulation of TLA in Isabelle -- Formal verification of serial pipeline multipliers -- TkWinHOL: A tool for Window Inference in HOL -- Formal verification of counterflow pipeline architecture -- Deep embedding VHDL -- HOLCF: Higher order logic of computable functions -- A mechanized logic for secure key escrow protocol verification -- A new interface for HOL — Ideas, issues and implementation -- Very efficient conversions -- Recording and checking HOL proofs -- Formalization of planar graphs -- A hierarchical method for reasoning about distributed programming languages.

Sommario/riassunto	This book constitutes the proceedings of the 8th International Conference on Higher Order Logic Theorem Proving and Its Applications, held in Aspen Grove, Utah, USA in September 1995. The 26 papers selected by the program committee for inclusion in this volume document the advances in the field achieved since the predecessor conference. The papers presented fall into three general categories: representation of formalisms in higher order logic; applications of mechanized higher order logic; and enhancements to the HOL and other theorem proving systems.

2. Record Nr.	UNINA9911018762303321
Titolo	Advanced Intelligent Computing Technology and Applications : 21st International Conference, ICIC 2025, Ningbo, China, July 26–29, 2025, Proceedings, Part XVI / / edited by De-Shuang Huang, Wei Chen, Yijie Pan, Haiming Chen
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819699216
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XXI, 545 p. 246 illus., 212 illus. in color.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15857
Disciplina	006.3
Soggetti	Computational intelligence Computer networks Machine learning Application software Computational Intelligence Computer Communication Networks Machine Learning Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This 20-volume set LNCS 15842-15861 constitutes - in conjunction with the 4-volume set LNAI 15862-15865 and the 4-volume set LNBI 15866-15869 - the refereed proceedings of the 21st International Conference on Intelligent Computing, ICIC 2025, held in Ningbo, China, during July 26-29, 2025. The total of 1206 regular papers were carefully reviewed and selected from 4032 submissions. This year, the conference concentrated mainly on the theories and methodologies as well as the emerging applications of intelligent computing. Its aim was to unify the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. Therefore, the theme for this conference was "Advanced