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Sommario/riassunto	This book constitutes the refereed proceedings of the 23rd International Conference on Automated Deduction, CADE-23, held in Wrocaw, Poland, in July/August 2011. The 28 revised full papers and 7 system descriptions presented were carefully reviewed and selected from 80 submissions. Furthermore, four invited lectures by distinguished experts in the area were included. Among the topics addressed are systems and tools for automated reasoning, rewriting logics, security protocol verification, unification, theorem proving, clause elimination, SAT, satisfiability, interactive theorem proving, theory reasoning, static analysis, decision procedures, etc.