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	Sommario/riassunto	This book constitutes the refereed proceedings of the 22nd International Symposium on Model Checking Software, SPIN 2015, held in Stellenbosch, South Africa, in August 2015. The 18 papers presented – 14 regular papers and 4 tool or new idea papers – were carefully reviewed and selected from 27 submissions. They cover the field between theoretical advances and practical considerations and are organized in topical sections such as abstraction, refinement, translation; Büchi automata and hashing; embedded systems; heuristics and benchmarks; SAT/SMT- based approaches; software validation and verification.