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Autore	VALENTE, Simona
Titolo	La subordinazione gerundiva e participiale in testi siciliani del XIV secolo / Simona Valente
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Autore	Busbait Monther
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Altri autori (Persone)	MoshkovMikhail MoshkovaAlbina ShevtchenkoVladimir
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Nota di contenuto	Introduction -- Diagnosis of constant Faults at Inputs of Gates in Circuits -- Diagnosis of Embedding Faults in Circuits -- Diagnosis of Extensions of Constant Faults in Circuits -- Diagnosis of Retaining Faults in Circuits -- Diagnosis of Constant Faults in Switching Networks.
Sommario/riassunto	In this book, we study decision trees for fault diagnosis in circuits and switching networks, which are among the most fundamental models for computing Boolean functions. We consider two main cases: when the scheme (circuit or switching network) has the same mode of operation for both calculation and diagnostics, and when the scheme has two modes of operation—normal for calculation and special for diagnostics. In the former case, we get mostly negative results, including superpolynomial lower bounds on the minimum depth of diagnostic

decision trees depending on scheme complexity and the NP-hardness of construction diagnostic decision trees. In the latter case, we describe classes of schemes and types of faults for which decision trees can be effectively used to diagnose schemes, when they are transformed into so-called iteration-free schemes. The tools and results discussed in this book help to understand both the possibilities and challenges of using decision trees to diagnosefaults in various schemes. The book is useful to specialists both in the field of theoretical and technical diagnostics. It can also be used for the creation of courses for graduate students.