1. Record Nr. UNISA996390906003316

Autore	Record Robert <1510?-1558.>
Titolo	The ground of arts [[electronic resource]] : teaching the perfect worke and practise of arithmeticke, both in whole numbers and fractions, after a more easie and exact forme then in former time hath beene set foorth: made by Mr. Robert Record Dr. in Physick. Afterwards augmented by Mr. Iohn Dee. And since enlarged with a third part of rules of practise, abridged into a briefer method then hitherto hath been published, with diuers necessary rules incident to the trade of merchandise: with tables of the valuation of all coynes as they are currant at this present time: by Iohn Mellis. Whereunto is added a compendium of interest ... with a table of board and timber measure calculated by R.N. And now the second time diligently perused, corrected, illustrated and inlarged ... by Robert Hartwell, philomathematicus. New tables of interest vpon interest ... with the true value of annuities to be bought or sold, present, respited, or in reuersion: by R.C
Pubbl/distr/stampa	At London, : Printed by Iohn Beale for Roger Iackson, 1623
Descrizione fisica	[26], 579, 582-613, [1] p
Altri autori (Persone)	MellisJohn <fl. 1588.> NortonRobert <d. 1635.> DeeJohn <1527-1608.> HartwellRobert R. C
Soggetti	Arithmetic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The third part or addition to this booke .. set forth by Iohn Mellis" has divisional title page; pagination and register are continuous. Includes "A table of board and timber measure .. by R. Norton". Reproduction of the original in Yale University. Library. Title page in photostat from Huntington copy.
Sommario/riassunto	eebo-0198

2. Record Nr. UNINA9910704761003321

Autore	Trimble David
Titolo	Hazardous waste cleanup : observations on states' role, liabilities at DOD and hardrock mining sites, and litigation issues : testimony before the Subcommittee on Environment and the Economy, Committee on Energy and Commerce, House of Representatives / / statement of David Trimble
Pubbl/distr/stampa	[Washington, D.C.] : , : United States Government Accountability Office, , 2013
Descrizione fisica	1 online resource (20 pages) : illustrations
Collana	Testimony ; ; GAO-13-633T
Soggetti	Hazardous waste site remediation - United States Hazardous waste site remediation - United States - States Government liability - United States - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed July 16, 2013). "For release ... May 22, 2013."
Nota di bibliografia	Includes bibliographical references.

3. Record Nr. UNINA9910830219303321

Autore	Limnios N (Nikolaos)
Titolo	Fault trees [[electronic resource] /] / Nikolaos Limnios
Pubbl/distr/stampa	London, UK ; ; Newport Beach, CA, : ISTE, c2007
ISBN	1-280-84768-9 9786610847686 0-470-61248-7 0-470-39461-7 1-84704-580-4
Descrizione fisica	1 online resource (225 p.)
Collana	Control systems, robotics and manufacturing series
Disciplina	620.00452 620/.00452
Soggetti	Reliability (Engineering) Trees (Graph theory)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 205-219) and index.
Nota di contenuto	Fault Trees; Table of Contents; Introduction; Chapter 1 Single-Component Systems; 1.1 Distribution of failure and reliability; 1.1.1 Function of distribution and density of failure; 1.1.2 Survival function: reliability; 1.1.3 Hazard rate; 1.1.4 Maintainability; 1.1.5 Mean times; 1.1.6 Mean residual lifetime; 1.1.7 Fundamental relationships; 1.1.8 Some probability distributions; 1.2 Availability of the repairable systems; 1.2.1 Instantaneous availability; 1.2.2 Asymptotic availability; 1.2.3 Mean availability; 1.2.4 Asymptotic mean availability; 1.3 Reliability in discrete time 1.3.1 Discrete distributions1.3.2 Reliability; 1.4 Reliability and maintenance; 1.4.1 Periodic test: repair time is negligible; 1.4.2 Periodic test: repair time is not negligible; 1.4.3 Mean duration of a hidden failure; 1.5 Reliability data; Chapter 2 Multi-Component Systems; 2.1 Structure function; 2.2 Modules and modular decomposition; 2.3 Elementary structure systems; 2.3.1 Series system; 2.3.2 Parallel system; 2.3.3 System k-out-of-n; 2.3.4 Parallel-series system; 2.3.5 Series-parallel system; 2.4 Systems with complex structure; 2.5 Probabilistic study of the systems; 2.5.1 Introduction

2.5.2 Inclusion-exclusion method2.5.3 Disjoint products; 2.5.4 Factorization; 2.5.5 Reliability bounds; Chapter 3 Construction of Fault Trees; 3.1 Basic ideas and definitions; 3.1.1 Graphic symbols; 3.1.2 Use of the operators; 3.2 Formal definition and graphs; 3.3 Stages of construction; 3.3.1 Preliminary analysis; 3.3.2 Specifications; 3.3.3 Construction; 3.4 Example of construction; 3.4.1 Preliminary analysis; 3.4.2 Specifications; 3.4.3 Construction; 3.5 Automatic construction; Chapter 4 Minimal Sets; 4.1 Introduction; 4.2 Methods of study; 4.2.1 Direct methods; 4.2.2 Descending methods
4.2.3 Ascending methods4.3 Reduction; 4.4 Other algorithms for searching the cut sets; 4.5 Inversion of minimal cut sets; 4.6 Complexity of the search for minimal cut sets; Chapter 5 Probabilistic Assessment; 5.1 The problem of assessment; 5.2 Direct methods; 5.2.1 AND operator; 5.2.2 OR operator; 5.2.3 Exclusive OR operator; 5.2.4 k-out-of-n operator; 5.2.5 Priority-AND operator; 5.2.6 IF operator; 5.3 Methods of minimal sets; 5.3.1 Inclusion-exclusion development; 5.3.2 Disjoint products; 5.3.3 Kitt method; 5.4 Method of factorization; 5.5 Direct recursive methods
5.5.1 Recursive inclusion-exclusion method5.5.2 Method of recursive disjoint products; 5.6 Other methods for calculating the fault trees; 5.7 Large fault trees; 5.7.1 Method of Modarres and Dezfuli [MOD 84]; 5.7.2 Method of Hughes [HUG 87]; 5.7.3 Schneeweiss method [SCH 87]; 5.7.4 Brown method [BRO 90]; Chapter 6 Influence Assessment; 6.1 Uncertainty; 6.1.1 Introduction; 6.1.2 Methods for evaluating the uncertainty; 6.1.3 Evaluation of the moments; 6.2 Importance; 6.2.1 Introduction; 6.2.2 Structural importance factors; 6.2.3 Probabilistic importance factors
6.2.4 Importance factors over the uncertainty

Sommario/riassunto

Fault tree analysis is an important technique in determining the safety and dependability of complex systems. Fault trees are used as a major tool in the study of system safety as well as in reliability and availability studies.The basic methods - construction, logical analysis, probability evaluation and influence study - are described in this book. The following extensions of fault trees, non-coherent fault trees, fault trees with delay and multi-performance fault trees, are also explained. Traditional algorithms for fault tree analysis are presented, as well as more recent algorithms ba