

1. Record Nr.	UNINA9910632470003321
Titolo	Logic synthesis for VLSI-based combined finite state machines : synthesis targeting ASICs, CPLDs and FPGAs // edited by Alexander Barkalov [and four others]
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-16027-4
Descrizione fisica	1 online resource (305 pages)
Collana	Lecture Notes in Electrical Engineering ; ; v.922
Disciplina	629.8
Soggetti	Integrated circuits - Very large scale integration Automatic control Sequential machine theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Contents -- Abbreviations -- 1 Control Algorithms and Finite State Machines -- 1.1 Methods of Implementation of Control Algorithms -- 1.2 Basic Models of Finite State Machines -- 1.3 Synthesis of Mealy FSM -- 1.4 Synthesis of Moore FSM -- 1.5 Synthesis of Microprogram Control Units -- 1.6 Background of Combined FSMs -- References -- 2 VLSI-based Logic Synthesis -- 2.1 Evaluation of Logic Elements -- 2.2 Logic Synthesis with ASICs -- 2.3 Logic Synthesis with CPLDs -- 2.4 Logic Synthesis with FPGAs -- References -- 3 ASIC-based Synthesis of CFSMs -- 3.1 Trivial Matrix Implementation -- 3.2 Structural Decomposition for Matrix CFSMs -- 3.3 PES-based Matrix Circuits of Moore FSMs -- 3.4 Analysis of CFSM-based Matrix Circuits -- References -- 4 Optimization of ASIC-based CFSMs -- 4.1 CFSMs with Optimal State Assignment -- 4.2 CFSMs with Transformation of State Codes -- 4.3 CFSMs with Partial Code Transformation -- 4.4 CFSMs with Primary Encoding of Classes of PES -- References -- 5 Homogenous CPLD-Based Synthesis of CFSMs -- 5.1 Preliminary Information -- 5.2 Synthesis of P CFSM -- 5.3 Synthesis of CFSMs with Optimal State Assignment -- 5.4 Synthesis of CFSMs with Transformation of State Codes -- 5.5 Synthesis of CFSMs with Primary Encoding of Classes -- References -- 6 Heterogeneous CPLD-based

Synthesis of CFSMs -- 6.1 Preliminary Information -- 6.2 Synthesis of CFSMs with Trivial State Assignment -- 6.3 Synthesis of CFSMs with Optimal State Assignment -- 6.4 Synthesis of CFSMs with Primary Encoding of Classes -- 6.5 Synthesis of CFSMs with Transformation of Object Codes -- References -- 7 CPLD-Based Synthesis with Transformation of State Codes -- 7.1 Synthesis with Complete State Transformation -- 7.2 Partial State Transformation: Homogenous CPLDs -- 7.3 Partial State Transformation: Heterogenous CPLDs. 7.4 Combining Different Methods of Object Transformation -- References -- 8 FPGA-Based Synthesis of CFSMs -- 8.1 Preliminary Information -- 8.2 Primary Encoding of Classes of PES for FPGA-Based GFSMs -- 8.3 FPGA-Based Synthesis with Transformation of Class Codes -- 8.4 Twofold State Assignment in CFSMs -- References -- Appendix Conclusion -- Index.

2. Record Nr.	UNINA9910960624803321
Autore	Thomas Robert <1974->
Titolo	Administrative justice and asylum appeals : a study of tribunal adjudication / Robert Thomas
Pubbl/distr/stampa	Oxford ; Portland. Or., : Hart Publishing, 2011
ISBN	9786613130525 9781474202237 1474202233 9781283130523 1283130521 9781847316240 1847316247
Edizione	[1st ed.]
Descrizione fisica	1 online resource (343 p.)
Disciplina	347.4104
Soggetti	Asylum, Right of - Great Britain Refugees - Legal status, laws, etc - Great Britain Administrative courts - Great Britain - Evaluation Administrative courts - Great Britain - Rules and practice Administrative remedies - Great Britain
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 (pages 295-308) and index
Nota di contenuto	<p>1 Administrative Justice, Quality and Asylum Adjudication -- Quality and Administrative Justice -- Asylum Adjudication -- Research Methods -- The Plan of the Book -- 2 Asylum Decision-Making and its Organisation -- The Asylum Decision Problem -- Organising Decision-Making -- The Tribunal's Jurisdiction and Organisation -- Conclusion -- 3 Costs, Accuracy and Decision Processes -- Considering Costs -- The Appeal Decision Process -- The Timeliness of Decision-Making -- Conclusion -- 4 Appeal Hearings -- The Pre-Hearing Stage -- Substantive Hearings -- Immigration Judge Questioning and the Absence of Representation -- Closing the Hearing and Decision-Writing Targets -- Conclusion -- 5 Credibility -- The Credibility Problem -- Assessing Credibility -- Hard Cases -- Weighing it all up -- Conclusion -- 6 Country Information -- The Problem of Country Information -- Using Country Information -- Country Information and the Appeals Process -- Country Expert Evidence -- Conclusion -- 7 Country Guidance -- The Country Guidance Concept -- Managing Country Guidance -- Assessing Country Information and Producing Guidance -- Binding Factual Precedent or Authoritative Guidance? -- Using Country Guidance -- Appraising Country Guidance -- Conclusion -- 8 Onward Rights of Challenge -- The Benefits and Costs of Onward Challenges -- Organising Onward Challenges: An Excursus -- The Value of Onward Challenges -- Tribunals, Courts and Decision-Making Quality -- Conclusion -- 9 Conclusion -- Evaluating Adjudicative Quality -- Reconsidering Asylum Adjudication</p>
Sommario/riassunto	<p>FIRST PRIZE WINNER OF THE SLS BIRKS PRIZE FOR OUTSTANDING LEGAL SCHOLARSHIP 2011 How are we to assess and evaluate the quality of the tribunal systems that do the day-to-day work of adjudicating upon the disputes individuals have with government? This book examines how the idea of adjudicative quality works in practice by presenting a detailed case-study of the tribunal system responsible for determining appeals lodged by foreign nationals who claim that they will be at risk of persecution or ill-treatment on return to their country of origin. Over recent years, the asylum appeal process has become a major area of judicial decision-making and the most frequently restructured tribunal system. Asylum adjudication is also one of the most difficult areas of decision-making in the modern legal system. Integrating empirical research with legal analysis, this book provides an in-depth study of the development and operation of this tribunal system and of asylum decision-making. The book examines how this particular appeal process seeks to mediate the tension between the competing values under which it operates. There are chapters examining the organisation of the tribunal system, its procedures, the nature of fact-finding in asylum cases and the operation of onward rights of challenge. An examination as to how the tensions inherent in the idea of administrative justice are manifested in the context of a tribunal system responsible for making potentially life or death decisions, this book fills a gap in the literature and will be of value to those interested in administrative law and asylum adjudication</p>