1. Record Nr. UNINA9910494624703321

Autore	Brummel Mark
Titolo	Programming microsoft dynamics NAV / / Mark Brummel, David A. Studebaker, Christopher D. Studebaker
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ISBN	1-78646-192-7
Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (697 pages)
Disciplina	005.4469
Soggetti	Business logistics - Data processing Management information systems Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Customize your NAV applications About This Book Gain from the insights and methods of industry-leading experts and tailor your applications to best suit the needs of your business Learn through the detailed explanations and useful examples that are presented in a logical, step-by-step manner This comprehensive guide is written with the goals of being used as a classroom text, a self-study text, and as a handy in-depth reference guide Who This Book Is For This book will appeal to all those who want to learn about NAV's powerful and extensive built-in development capabilities. It assumes that you understand programming and are familiar with business application software, although you aren't expected to have worked with NAV before. ERP consultants and managers of NAV development will also find the book helpful. What You Will Learn Productively and effectively use the development tools that are built into Dynamics NAV Understand the strengths of NAV's development tools and how they can be applied to address functional business requirements Introduction to programming using the C/AL language in the C/SIDE Development Environment Explore functional design and development using C/AL Leverage advanced NAV development features and tools Get to know

the best practices to design and develop modifications of new functionality integrated with the standard NAV software In Detail Microsoft Dynamics NAV is a full business solution suite, and a complete ERP solution, which contains a robust set of development tools to support customization and enhancement. These tools help in greater control over financials and can simplify supply chain, manufacturing, and operations. This book will take you from an introduction to Dynamics NAV and its integrated development tools to being a productive developer in the Dynamics NAV Development Environment. You will find this book very useful if you want to evaluate the product's development capabilities or need to manage Dynamics NAV based projects. It will teach you about the NAV application structure, the C/SIDE development environment, the C/AL language paired with the improved editor, the construction and uses of each object type, and how it all fits together to build universal applications. With this new edition, you will be able to understand how to design and develop using Patterns and new features such as Extensions and Events. Style and approach This book is filled with examples and will serve as a comprehensive refer...

2. Record Nr. UNINA9910144111503321

Autore	Horlin Francois
Titolo	Digital compensation for analog front-ends : a new approach to wireless transceiver design / / Francois Horlin, Andre Bourdoux
Pubbl/distr/stampa	Chichester, West Sussex ; , : J. Wiley & Sons, , c2008 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	0-470-75902-X 1-281-84096-3 9786611840969 0-470-75903-8
Edizione	[1st edition]
Descrizione fisica	1 online resource (267 p.)
Altri autori (Persone)	BourdouxAndre
Disciplina	621.38413 621.3845
Soggetti	Radio - Transmitter-receivers - Design and construction Wireless communication systems Digital communications
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 and index.
Nota di contenuto	Preface -- 1. Introduction -- 1.1. Wireless transceiver functional description -- 1.2. Evolution of the wireless transceiver design -- 1.3. Contribution of the book -- 1.4. Organization -- 2. New Air Interfaces -- 2.1. Orthogonal frequency-division multiplexing -- 2.2. Single-carrier with frequency domain equalization -- 2.3. Multi-input multi-output OFDM -- 2.4. Code-division multiple access -- 2.5. Frequency-division multiple access -- References -- 3. Real Lie Front-Ends -- 3.1. Front-end architectures -- 3.2. Constituent blocks and their non-idealities -- 3.3. Individual non-idealities -- Referneces -- 4. Impact of the Non-Ideal Front Ends on the System Performance -- 4.1. OFDM system in the presence of carrier frequency domain and IQ imbalance -- 4.2. SC-FDE system in the presence of carrier frequency offset, sample clock offset and IQ imbalance -- 4.3. Comparison of the sensitivity of OFDM and SC-FDE to CFO, SCO and IQ imbalance -- 4.4. OFDM and SC-FDE systems in he presence of phase noise -- 4.5. OFDM system in the presence of clipping, quantization and nonlinearity --

4.6. SC-FDE system in the presence of clipping, quantization an nonlinearity -- 4.7. MIMO systems -- 4.8. Multi-user systems -- References -- 5. Generic OFDM System -- 5.1. Definition of the generic OFDM system -- 5.2. Burst detection -- 5.3. AGC setting (amplitude estimation) -- 5.4. Coarse timing estimation -- 5.5 Coarse CFO estimation -- 5.6. Fine timing estimation -- 5.7. Fine CFO estimation -- 5.8. Complexity of auto- and cross-correlation -- 5.9. Joint CFO and IQ imbalance acquisition -- 5.10. Joint channel and frequency-dependent IQ imbalance estimation -- 5.11. Tracking loops for phase noise and residual CFO/SCO -- References -- 6. Emerging Wireless Communication Systems -- 6.1. IEEE 802.11n -- 6.2. 3GPP Long-term evolution -- Appendices -- A. MMSE Linear Detector -- B. ML Channel Estimator -- C. Matlab Models of Non-Idealities -- D. Mathematical Conventions -- E. Abbreviations -- Index.

Sommario/riassunto

The desire to build lower cost analog front-ends has triggered interest in a new domain of research. Consequently the joint design of the analog front-end and of the digital baseband algorithms has become an important field of research. It enables the wireless systems and chip designers to more effectively trace the communication performance with the production cost. Digital Compensation for Analog Front-Ends provides a systematic approach to designing a digital communication system. It covers in detail the digital compensation of many non-idealities, for a wide class of emerging broadband standards and with a system approach in the design of the receiver algorithms. In particular, system strategies for joint estimation of synchronization and front-end non-ideality parameters are emphasized. The book is organized to allow the reader to gradually absorb the important information and vast quantity of material on this subject. The first chapter is a comprehensive introduction to the emerging wireless standards which is followed by a detailed description of the front-end non-idealities in chapter two. Chapter three then uses this information to explore what happens when the topics introduced in the first two chapters are merged. the book concludes with two chapters providing an in-depth coverage of the estimation and compensation algorithms. . Presents a global, systematic approach to the joint design of the analog front-end compensation, channel estimation, synchronization and of the digital baseband algorithms . Describes in depth the main front-end idealities such as phase noise, IQ imbalance, non-linearity, clipping, quantization, carrier frequency offset, sampling clock offset and their impact on the modulation . Explains how the non-idealities introduced by the analog front-end elements can be compensated digitally . Methodologies are applied to the emerging Wireless Local Area network and outdoor Cellular communication systems, hence covering OFDM(A), SC-FDE and MIMO . Written by authors with in-depth expertise developed in the Wireless Research group of IMEC and projects covering the main broadband wireless standards. This book is a valuable reference for wireless system architects and chip designers as well as engineers or managers in system design and development. It will also be of interest to researchers in industry and academia, graduate students and wireless network operators.

3. Record Nr. UNINA9910674386903321

Autore	Manini Claudia
Titolo	Clear Cell Renal Cell Carcinoma 2021-2022 / / Claudia Manini and Jose I. Lopez
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2022
Descrizione fisica	1 online resource (342 pages)
Disciplina	616.99461
Soggetti	Biomedical materials Carcinoma, Renal Cell
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Clear cell renal cell carcinoma is currently one of the most interesting areas of study in oncology. Despite the advances made in this field, this tumor continues to be a health problem of major concern in Western societies, seriously affecting public health services. Several characteristics of this tumor make it an exciting meeting point for translational collaboration between clinicians and basic researchers. Clear cell renal cell carcinoma is a paradigmatic example of inter- and intra-tumor heterogeneity from morphological, immunohistochemical, and molecular viewpoints. This tumor is also a good example to investigate the complexity of tumor/tumor and tumor/environment relationships from an ecological perspective. A deeper identification of the varied internal tumor self-organization through the specialization of cell clones and subclones as local invaders and metastasizers, on one hand, and the interactions of specific subsets of tumor cells with the local host microenvironment, on the other, will significantly enrich our knowledge of this neoplasm. Clear cell renal cell carcinoma is also a paradigmatic test bench for antiangiogenic and immune checkpoint blockage therapies. The refinement of these therapeutic tools administered alone or in combination is a hot issue in oncology, and several international trials are underway.