1. Record Nr. UNINA9910683600603321

Autore	Cucco, Pasquale
Titolo	Architettura tradizionale costiera : istanze di conservazione e propositi di trasformazione in siti di eccezionale valore universale / Pasquale Cucco ; presentazione di Antonello Pagliuca
Pubbl/distr/stampa	[Canterano], : Aracne, 2022
ISBN	9791259949851
Descrizione fisica	301 p. : ill. ; 21x30 cm
Collana	Esempi di architettura , Spazi di riflessione ; 71
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Locazione	FARBC FSPBC
Collocazione	REST B 519 Collez. 3228 (71)
Lingua di pubblicazione	Italiano
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2. Record Nr. UNINA9910955212803321

Titolo	Migration, family and the welfare state : integrating migrants and refugees in Scandinavia / / edited by Karen Fog Olwig, Birgitte Romme Larsen and Mikkel Rytter
Pubbl/distr/stampa	Abingdon, Oxon : , : Routledge, , 2012
ISBN	1-135-70439-2 0-415-75463-1 0-203-71865-8 1-135-70432-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (184 p.)
Altri autori (Persone)	LarsenBirgitte Romme OlwigKaren Fog <1948-> RytterMikkel
Disciplina	303.48248
Soggetti	Assimilation (Sociology) - Scandinavia Social integration - Scandinavia Welfare state - Scandinavia Immigrants - Scandinavia Refugees - Scandinavia Scandinavia Emigration and immigration
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	Cover; Title Page; Copyright Page; Table of Contents; Notes on contributors; 1. 'Integration': Migrants and Refugees between Scandinavian Welfare Societies and Family Relations; 2. Money or Education? Improvement Strategies Among Pakistani Families in Denmark; 3. Multicultural Ideology and Transnational Family Ties among Descendants of Cape Verdeans in Sweden; 4. From Danish Yugoslavs to Danish Serbs: National Affiliation Caught Between Visibility and Invisibility; 5. Law and Identity: Transnational Arranged Marriages and the Boundaries of Danishness 6. Egalitarian Ambitions, Constructions of Difference: The Paradoxes of Refugee Integration in Sweden7. Ali's Disappearance: The Tension of

		Moving and Dwelling in the Norwegian Welfare Society; 8. Tamil Refugees in Pain: Challenging Solidarity in the Norwegian Welfare State; 9. Becoming Part of Welfare Scandinavia: Integration through the Spatial Dispersal of Newly Arrived Refugees in Denmark; Index
	Sommario/riassunto	Migration, Family and the Welfare State explores understandings and practices of integration in the Scandinavian welfare societies of Denmark, Norway and Sweden through a comprehensive range of detailed ethnographic studies. Chapters examine discourses, policies and programs of integration in the three receiving societies, studying how these are experienced by migrant and refugee families as they seek to realize the hopes and ambitions for a better life that led them to leave their country of origin. The three Scandinavian countries have had parallel histories as welfare societies
3.	Record Nr.	UNINA9911019733103321
	Autore	Zhu Ziqiang, Ph. D.
	Titolo	Sensorless Control of Permanent Magnet Synchronous Machine Drives
	Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2023 ©2024
	ISBN	9781394194384 1394194382 9781394194377 1394194374
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (498 pages)
	Collana	IEEE Press Series on Control Systems Theory and Applications Series
	Altri autori (Persone)	WuXi Meng
	Disciplina	621.46
	Soggetti	Permanent magnet motors Electric machinery, Synchronous
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- About the Authors -- Preface -- List of Abbreviations -- List of Symbols -- Chapter 1 General Introduction -- 1.1 Introduction -- 1.2 Permanent Magnet Machines -- 1.2.1 Topologies -- 1.2.2 Drives -- 1.3 Basic

Principle of PM BLAC (PMSM) Drives -- 1.3.1 Modeling -- 1.3.1.1 ABC Reference Frame -- 1.3.1.2 Stationary Reference Frame -- 1.3.1.3 Synchronous Reference Frame -- 1.3.2 Control Strategies -- 1.3.2.1 Space Vector PWM -- 1.3.2.2 Field-Oriented Control -- 1.3.2.3 Direct Torque Control -- 1.3.2.4 Model Predictive Control -- 1.4 Basic Principle of PM BLDC Drives -- 1.4.1 Modeling -- 1.4.2 Control Strategies -- 1.5 Comparison Between PM BLDC (PMSM) and BLAC Drives -- 1.5.1 Square-Wave Back-EMF Machine -- 1.5.2 Sine-Wave Back-EMF Machine -- 1.6 Sensorless Control Techniques and Applications -- 1.6.1 Classification -- 1.6.2 Applications -- 1.7 Scope of This Book -- References -- Chapter 2 Fundamental Model-Based Sensorless Control -- 2.1 Introduction -- 2.2 Flux-Linkage-Based Method -- 2.2.1 Flux-Linkage Method for Non-salient PMSMs -- 2.2.2 Active Flux-Linkage Method for Salient PMSMs -- 2.3 Back-EMF-Based Method -- 2.3.1 Back-EMF Method for Non-salient PMSMs -- 2.3.2 Extended Back-EMF Method for Salient PMSMs -- 2.3.2.1 In Synchronous Reference Frame -- 2.3.2.2 In Stationary Reference Frame -- 2.3.3 Comparison -- 2.3.3.1 Comparison Between Back-EMF and Flux-Linkage Methods -- 2.3.3.2 Comparison of Active Flux and Extended Back-EMF -- 2.4 Position Observer -- 2.4.1 Arctangent Method -- 2.4.2 Phase-Locked Loop -- 2.4.3 Simplified Extended Kalman Filter -- 2.4.4 Simulation Results -- 2.5 Summary -- References -- Chapter 3 Fundamental Model-Based Sensorless Control-Issues and Solutions -- 3.1 Introduction -- 3.2 Integration and Filter.
3.2.1 Initial Value -- 3.2.2 Drift -- 3.2.3 Delay -- 3.3 Back-EMF and Current Harmonics -- 3.3.1 Influence of Back-EMF Harmonics -- 3.3.2 Influence of Current Harmonics -- 3.4 Cross-Coupling Magnetic Saturation -- 3.4.1 Impact on Position Estimation -- 3.4.2 Sensorless Control Accounting for Cross-Coupling Inductance -- 3.5 Parameter Mismatch -- 3.5.1 Impact on Position Estimation -- 3.5.2 Position Correction Method Under Parameter Mismatches -- 3.5.2.1 q-Axis Injection for q-Axis Inductance Mismatch -- 3.5.2.2 d-Axis Injection for Resistance Mismatch -- 3.5.2.3 Amplitude Calculation Technique -- 3.5.2.4 Position Error Correction with LMS Algorithm -- 3.5.2.5 Experimental Results -- 3.6 Parameter Asymmetry -- 3.6.1 Asymmetric Modeling -- 3.6.1.1 Resistance Asymmetry -- 3.6.1.2 Inductance Asymmetry -- 3.6.1.3 Back-EMF Asymmetry -- 3.6.2 Impacts on Position Estimation -- 3.6.3 Harmonic Suppression -- 3.7 Summary -- References -- Chapter 4 Saliency Tracking-Based Sensorless Control Methods -- 4.1 Introduction -- 4.2 High-Frequency Model of PM Machines -- 4.2.1 Model in Synchronous Reference Frame -- 4.2.2 Model in Estimated Synchronous Reference Frame -- 4.2.3 Model in Stationary Reference Frame -- 4.3 High-Frequency Signal Injection in Estimated Synchronous Reference Frame -- 4.3.1 Pulsating Sinusoidal Signal -- 4.3.2 Pulsating Square-Wave Signal -- 4.4 High-Frequency Signal Injection in Stationary Reference Frame -- 4.4.1 Rotating Sinusoidal Signal -- 4.4.2 Pulsating Sinusoidal Signal -- 4.4.2.1 Mathematical Model -- 4.4.2.2 Ip Pre-detection and Compensation -- 4.4.2.3 Experiment Results -- 4.4.3 Pulsating Square-Wave Signal -- 4.4.3.1 Mathematical Model -- 4.4.3.2 IpSQ Pre-detection and Compensation -- 4.4.3.3 Experiment Results -- 4.5 Position Observer -- 4.5.1 Basic Structure -- 4.5.2 Influence of LPF.
4.5.3 Convergence Analysis -- 4.6 Other Saliency Tracking-Based Methods -- 4.6.1 Transient Voltage Vector-Based Method -- 4.6.2 PWM Excitation-Based Method -- 4.7 Summary -- References -- Chapter 5 Saliency Tracking-Based Sensorless Control Methods-Issues

Sommario/riassunto

This book provides a comprehensive exploration of sensorless control techniques for Permanent Magnet Synchronous Machine (PMSM) drives, a critical aspect of modern electrical engineering for improving efficiency and performance in motor control systems. Authored by experts Zi Qiang Zhu and Xi Meng Wu from the University of Sheffield, the text delves into both fundamental and advanced methods for sensorless control, including model-based and saliency-based approaches. It covers key topics such as flux-linkage methods, back-EMF models, and various signal injection techniques, addressing issues like magnetic saturation and parameter mismatches. The book targets professionals and researchers in electrical and control engineering, offering detailed methodologies, experimental results, and practical solutions for enhancing PMSM drive systems.