1. Record Nr. UNISALENTO991000061559707536

Autore	Rupprich, Hans
Titolo	Die deutsche Literatur vom späten Mittelalter bis zum Barock / Hans Rupprich
Pubbl/distr/stampa	München : Beck'sche Verlagsbuchhandlung, 19.
Descrizione fisica	2 v. ; 23 cm
Collana	Geschichte der deutschen Literatur von den Anfängen bis zur Gegenwart ; 4
Altri autori (Persone)	Boor, Helmut : de Newald, Richard
Disciplina	830.9
Soggetti	Letteratura tedesca
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910719767603321

Titolo	Advances in Regenerated Asphalt Mixtures / / edited by Yuanyuan Li [and three others]
Pubbl/distr/stampa	[Place of publication not identified] : , : MDPI - Multidisciplinary Digital Publishing Institute, , 2023
ISBN	3-0365-7348-8
Descrizione fisica	1 online resource (240 pages)
Disciplina	625.85
Soggetti	Pavements, Asphalt
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The recycling of asphalt mixtures has significant contributions towards the reduction in greenhouse gases, pollution, natural resources, and energy consumption. Sustainable road materials and technologies can provide a powerful boost to "carbon-neutral strategies", and so it is crucial to continue moving towards improving these technologies and theories. This Special Issue includes new findings in the field of regenerated asphalt mixtures, including the high-content regeneration of RAP, cold recycling technologies, regenerated mechanisms, eco-regenerating agents, and anti-aged materials. Additionally, novel materials, fast maintenance technologies, and functional materials are also addressed in this Special Issue, such as bio-asphalt materials, intelligent transportation, self-healing technologies, solid waste resource applications, numerical simulations, smart road materials and technologies, etc.

3. Record Nr. UNINA9910784858803321

Autore	Fuchs Ewald F
Titolo	Power quality in power systems and electrical machines [[electronic resource] /] / Ewald F. Fuchs, Mohammad A.S. Masoum
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press/Elsevier, c2008
ISBN	1-281-18936-7 9786611189365 0-08-055917-4
Descrizione fisica	1 online resource (659 p.)
Altri autori (Persone)	MasoumMohammad A. S
Disciplina	621.319/1
Soggetti	Electric power systems - Quality control Electric power system stability
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	Front cover; Power Quality in Power Systems and Electrical Machines; Copyright page; Preface; Table of contents; CHAPTER 1: Introduction to Power Quality; 1.1 DEFINITION OF POWER QUALITY; 1.2 CAUSES OF DISTURBANCES IN POWER SYSTEMS; 1.3 CLASSIFICATION OF POWER QUALITY ISSUES; 1.4 FORMULATIONS AND MEASURES USED FOR POWER QUALITY; 1.5 EFFECTS OF POOR POWER QUALITY ON POWER SYSTEM DEVICES; 1.6 STANDARDS AND GUIDELINES REFERRING TO POWER QUALITY; 1.7 HARMONIC MODELING PHILOSOPHIES; 1.8 POWER QUALITY IMPROVEMENT TECHNIQUES; 1.9 SUMMARY; 1.10 PROBLEMS; 1.11 REFERENCES; 1.12 ADDITIONAL BIBLIOGRAPHY CHAPTER 2: Harmonic Models of Transformers 2.1 SINUSOIDAL (LINEAR) MODELING OF TRANSFORMERS; 2.2 HARMONIC LOSSES IN TRANSFORMERS; 2.3 DERATING OF SINGLE-PHASE TRANSFORMERS; 2.4 NONLINEAR HARMONIC MODELS OF TRANSFORMERS; 2.5 FERRO RESONANCE OF POWER TRANSFORMERS; 2.6 EFFECTS OF SOLAR-GEOMAGNETIC DISTURBANCES ON POWER SYSTEMS AND TRANSFORMERS; 2.7 GROUNDING; 2.8 MEASUREMENT OF DERATING OF THREE-PHASE TRANSFORMERS; 2.9 SUMMARY; 2.10 PROBLEMS; 2.11 REFERENCES; 2.12 ADDITIONAL BIBLIOGRAPHY; CHAPTER 3: Modeling and Analysis of Induction Machines 3.1 COMPLETE SINUSOIDAL EQUIVALENT CIRCUIT OF A THREE-PHASE

INDUCTION MACHINE 3.2 MAGNETIC FIELDS OF THREE-PHASE MACHINES FOR THE CALCULATION OF INDUCTIVE MACHINE PARAMETERS; 3.3 STEADY-STATE STABILITY OF A THREE-PHASE INDUCTION MACHINE; 3.4 SPATIAL (SPACE) HARMONICS OF A THREE-PHASE INDUCTION MACHINE; 3.5 TIME HARMONICS OF A THREE-PHASE INDUCTION MACHINE; 3.6 FUNDAMENTAL AND HARMONIC TORQUES OF AN INDUCTION MACHINE; 3.7 MEASUREMENT RESULTS FOR THREE- AND SINGLE-PHASE INDUCTION MACHINES; 3.8 INTER- AND SUBHARMONIC TORQUES OF THREE-PHASE INDUCTION MACHINES 3.9 INTERACTION OF SPACE AND TIME HARMONICS OF THREE-PHASE INDUCTION MACHINES 3.10 CONCLUSIONS CONCERNING INDUCTION MACHINE HARMONICS; 3.11 VOLTAGE-STRESS WINDING FAILURES OF AC MOTORS FED BY VARIABLE-FREQUENCY, VOLTAGE- AND CURRENT-SOURCE PWM INVERTERS; 3.12 NONLINEAR HARMONIC MODELS OF THREE-PHASE INDUCTION MACHINES; 3.13 STATIC AND DYNAMIC ROTOR ECCENTRICITY OF THREE-PHASE INDUCTION MACHINES; 3.14 OPERATION OF THREE-PHASE MACHINES WITHIN A SINGLE-PHASE POWER SYSTEM; 3.15 CLASSIFICATION OF THREE-PHASE INDUCTION MACHINES; 3.16 SUMMARY; 3.17 PROBLEMS; 3.18 REFERENCES 3.19 ADDITIONAL BIBLIOGRAPHY CHAPTER 4: Modeling and Analysis of Synchronous Machines; 4.1 SINUSOIDAL STATE-SPACE MODELING OF A SYNCHRONOUS MACHINE IN THE TIME DOMAIN; 4.2 STEADY-STATE, TRANSIENT, AND SUBTRANSIENT OPERATION; 4.3 HARMONIC MODELING OF A SYNCHRONOUS MACHINE; 4.4 SUMMARY; 4.5 PROBLEMS; 4.6 REFERENCES; 4.7 ADDITIONAL BIBLIOGRAPHY; CHAPTER 5: Interaction of Harmonics with Capacitors; 5.1 APPLICATION OF CAPACITORS TO POWER-FACTOR CORRECTION; 5.2 APPLICATION OF CAPACITORS TO REACTIVE POWER COMPENSATION; 5.3 APPLICATION OF CAPACITORS TO HARMONIC FILTERING
5.4 POWER QUALITY PROBLEMS ASSOCIATED WITH CAPACITORS

Sommario/riassunto

This book helps readers understand the causes and effects of power quality problems and provides techniques to mitigate these problems. Power Quality is a measure of deviations in supply systems and their components, and affects all connected electrical and electronic equipment, including computers, TV monitors, and lighting. In this book analytical and measuring techniques are applied to power quality problems as they occur in central power stations and distributed generation such as alternative power systems. Provides theoretical and practical insight into power quality problems.