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| Autore                  | Fuchs Ewald F  |
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| Altri autori (Persone)  | Masoum Mohammad A. S   |
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| 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<br>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

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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.

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| 2. Record Nr.           | UNINA9910461323903321  |
| Titolo                  | Psychopathology : contemporary Jungian perspectives // edited and with introduction by Andrew Samuels  |
| Pubbl/distr/stampa      | London : , : Routledge, , 2018   |
| ISBN                    | 0-429-90394-4<br>0-429-47917-4<br>1-283-11811-4<br>9786613118110<br>1-84940-078-4  |
| Descrizione fisica      | 1 online resource (371 pages)  |
| Collana                 | The library of analytical psychology ; ; v. 9  |
| Disciplina              | 616.89<br>616.8907   |
| Soggetti                | Mental illness<br>Psychiatry - Philosophy<br>Electronic books.   |
| Lingua di pubblicazione | Inglese  |
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| Livello bibliografico   | Monografia   |
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| Nota di contenuto       | COVER; CONTENTS; Acknowledgements; Notes on Bibliography and Conventions; Contributors; Introduction; Chapter 1. Depressed patients and the coniunctio; Chapter 2. Success, retreat, panic: over-stimulation and depressive defence; Chapter 3. A psychological study of anorexia nervosa: an account of the relationship between psychic factors and bodily functioning; Chapter 4. Object constancy or constant object?; Chapter 5. Narcissistic disorder and its treatment; Chapter 6. Reflections on introversion and/or schizoid personality; Chapter 7. Reflections on Heinz Kohut's concept of narcissism<br>Chapter 8. The borderline personality: vision and healing<br>Chapter 9. The treatment of chronic psychoses; Chapter 10. The energy of warring and combining opposites: problems for the psychotic patient and the therapist in achieving the symbolic situation; Chapter 11. Schreber's delusional transference: a disorder of the self; Chapter 12. Masochism: the shadow side of the archetypal need to venerate and worship; Chapter 13. The psychopathology of fetishism and transvestism; |

Chapter 14. The androgyne: some inconclusive reflections on sexual perversions; Chapter 15. The archetypes in marriage  
Chapter 16. The analyst and the damaged victims of Nazi persecution (with four commentaries and reply)Chapter 17. Working against Dorian Gray analysis and the old; Index

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Sommario/riassunto

"An outstanding collection of papers written by Jungian analysts from different schools of analytical psychology on various aspects of psychopathology. The subjects covered include: depression, anorexia, schizoid personality, narcissistic personality disorder, mania, psychosis, paranoia, masochism, fetishism, transvestisism, perversion, marital dysfunction, survivor syndrome, and old age. The contributors, who include some of the most creative and distinguished clinicians in the Jungian world today, are: Gustav Dreifuss, Alan Edwards, Michael Fordham, C.T. Frey-Wehrin, Rosemary Gordon, Judith Hubback, Peer Hultberg, Mario Jacoby, Thomas Kirsch, Rushi Ledermann, Fred Plaut, Joseph Redfearn, Nathan Schwartz-Salant, Eva Seligman, Anthony Storr, Mary Williams and Luigi Zoja. The book is intended to appeal beyond the Jungian community, and the editor's introductory remarks which precede each paper highlight (and where necessary explain) concepts and attitudes which seem special to analytical psychology. In this way, psychoanalytically and eclectically orientated practitioners can make full use of this book."--Provided by publisher.

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