

1. Record Nr.	UNINA9910460639903321
Titolo	Practical epilepsy // editor, Aatif M. Husain
Pubbl/distr/stampa	New York, New York : , : Demos Medical, , 2016 ©2016
ISBN	1-61705-187-X
Descrizione fisica	1 online resource (478 p.)
Disciplina	616.85/3
Soggetti	Epilepsy Electronic books.
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 at the end of each chapters and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Contributors; Preface; Share Practical Epilepsy; Part I: Clinical Aspects; Chapter 1: Pathophysiology; Cellular Physiology; Genetic Epilepsy; Autoimmune Epilepsy; Role of Astroglia in Epileptogenesis; Mesial Temporal Sclerosis; Pathophysiology of Primary Generalized Epilepsies; Mechanism of Ictogenesis; References; Chapter 2: Genetics; Overview of the Human Genome; Overview of Discovery Genetics in Epilepsy; Genetic Association Studies; Copy Number Variations; Large Structural Variants; Next-Generation Sequencing Studies; Pharmacogenomics Clinical Genetic TestingReferences; Chapter 3: Epileptic Seizures; Considerations in Classification; The 1981 Recommendations for the Classification of Seizures; The 2010 Recommendations for Classification of Seizures; Common Use; Illustrative Cases; References; Chapter 4: Epilepsy Syndromes; Classification of Epileptic Syndromes and the Epilepsies; Historical Overview; Epilepsy Syndromes/Electroclinical Syndromes; References; Chapter 5: Neonatal Seizures; Differential Diagnosis; Epidemiology and Risk Factors; Etiologies; Diagnostic Evaluation; Treatment of Neonatal Seizures; References Chapter 6: EpidemiologyDefinitions; Incidence and Prevalence; Etiology; Prognosis; Mortality; Status Epilepticus; References; Chapter 7: Etiology; Risk Factors; Etiologies; References; Chapter 8: Differential Diagnosis;

Clinical Presentation of Seizures; Diagnosis; References; Part II:
Diagnostic Evaluation; Chapter 9: Clinical Evaluation; History;
Examination; Epilepsy-Related Health Screening; Investigations; EEG;
Diagnosis; Evaluation of First Seizure; Follow-Up Evaluations; Patient
Education; Epilepsy Quality Measures; References; Chapter 10: EEG
Instrumentation
Cerebral Generators of EEG Potentials EEG Amplifiers; Digital Equipment;
Electrical Safety; Recording Procedures; Recording Montages;
Equipment for Long-Term EEG Monitoring; Equipment for ICU EEG
Monitoring; References; Chapter 11: Normal EEG; Normal Awake EEG;
Normal Sleep EEG; Activation Procedures; Normal Variants; Artifacts;
References; Chapter 12: EEG of Epilepsy; Epileptic Activity-General
Considerations; EEG of Localization-Related Epilepsies; EEG of
Generalized Epilepsies; References; Chapter 13: Ambulatory EEG;
Historical Perspective; Technical Considerations
Applications and Indications Utility and Comparison to Other Types of
Studies; Advantages and Disadvantages; Future Directions; References;
Chapter 14: ICU Continuous EEG Monitoring; cEEG Monitoring Service;
Recording EEG in the ICU; Indications; Duration; The Ictal-Interictal
Continuum; Quantitative EEG; References; Chapter 15: Epilepsy Surgery
Evaluation; Referral for Epilepsy Surgery; Surgical Evaluation Process;
Surgical Resection; Postsurgical Care; References; Chapter 16: Seizure
Semiology; Auras; Simple Motor Seizures; Complex Motor Seizures;
Dialeptic Seizures; Special Seizures
Selected Lateralizing Signs

2. Record Nr.	UNINA9910830547503321
Autore	Andre Damien
Titolo	3D discrete element workbench for highly dynamic thermo-mechanical analysis : GranOO. Volume 3 // Damien Andre, Jean-Luc Charles, Ivan lordanoff ; coordinated by Ivan lordanoff
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2015
ISBN	1-119-23979-6 1-119-11635-X 1-119-23978-8
Descrizione fisica	1 online resource (175 p.)
Collana	Numerical methods in engineering series : discrete element model and simulation of continuous materials behavior set ; ; volume 3
Disciplina	005.117
Soggetti	Materials - Dynamic testing Discrete element method Object-oriented methods (Computer science) UML (Computer science)
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	Table of Contents; Title; Copyright; List of Figures; List of Tables; Introduction; I.1. The black box problem; I.2. A numerical tool to study a tribological problem; I.3. Why have we chosen a free license?; I.4. Discrete element methods; I.5. Application to tribological problems; I.6. A brief history of the workbench GranOO; I.7. A design to serve versatility; I.8. Choice of the programming language; I.9. Book organization; 1: Object Oriented Approach and UML; 1.1. Object Oriented (OO) paradigms; 1.2. OO analysis and design; 1.3. UML diagrams; 2: Operating Architecture 2.1. The GranOO package 2.2. Compilation process of the executable file; 2.3. Launching a GranOO executable; 2.4. The input files; 2.5. The magic world of the plugins; 2.6. The output files; 3: Focus on Libraries; 3.1. The geometrical library; 3.2. The DEM library; 3.3. The libMySandbox library; 3.4. Conclusion; 4: Tools and Practical Examples of Use of GranOO.; 4.1. Tool overview; 4.2. Granular simulation: the bluewave example; 4.3. The continuous discrete element model; 4.4.

Conclusion; Conclusion; Appendices; Appendix 1: Using Quaternions;
A1.1. Introduction; A1.2. Norm transformation
A1.3. Direction transformation A1.4. Quaternion definition; A1.5.
Mathematical properties; A1.6. Quaternion and attitude; A1.7.
Quaternion and angular velocity; A1.8. Application to dynamics; A1.9.
Numerical integration; A1.10. Conclusion; Appendix 2: Pendulum
Problem Complete Code; Bibliography; Index; End User License
Agreement
