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Autore	Staff National Academy of Engineering
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Altri autori (Persone)	AusubelJesse H SlodevichHedy E
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Soggetti	Electronic books. -- local Environmental engineering -- Technological innovations Environmental protection Environmental engineering - Technological innovations Electronic books.
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Nota di contenuto	""TECHNOLOGY AND ENVIRONMENT""; ""Copyright""; ""Preface""; ""Contents""; ""Technology and Environment: An Overview""; ""FRAMEWORKS FOR ANALYSIS""; ""SOME SOLUTIONS""; ""SOCIAL AND INSTITUTIONAL ASPECTS""; ""TECHNOLOGICAL OPPORTUNITIES""; ""CONCLUDING THOUGHTS""; ""REFERENCES""; ""1 Frameworks for Analysis""; ""Industrial Metabolism""; ""MASS FLOWS AND WASTE EMISSIONS""; ""ENVIRONMENTAL IMPACT OF WASTE RESIDUALS""; ""EVOLUTION OF INDUSTRIAL PROCESSES""; ""EVOLUTIONARY ECONOMICS AND GAIA""; ""APPLICATIONS OF MATERIALS-BALANCE PRINCIPLES""; ""CONCLUSION""; ""APPENDIX"" ""The Biosphere as a Materials-Transformation System""""Industrial Transformation Processes""; ""NOTES""; ""REFERENCES""; ""Dematerialization""; ""ACKNOWLEDGMENT""; ""NOTES""; ""REFERENCES""; ""Regularities in Technological Development: An Environmental View""; ""ACKNOWLEDGMENTS""; ""NOTE""; ""REFERENCES""; ""2 The Promise of Technological Solutions""; ""Meeting

the Near-Term Challenge for Power Plants"; "THE ROLE OF ELECTRICITY IN ECONOMIC GROWTH AND PRODUCTIVITY"; "IMPACTS OF REGULATIONS"; "TRENDS IN EFFICIENCY"; "CLEAN POWER FROM COAL"; "CARBON DIOXIDE AND GLOBAL WARMING"
"CONCLUSION"; "REFERENCES"; "Advanced Fossil Fuel Systems and Beyond"; "THE MYTH OF "RUNNING OUT OF RESOURCES"; "NATURAL GAS: A BRIDGE TO THE POSTFOSSIL AGE?"; "ENVIRONMENTAL CONSIDERATIONS"; "BEYOND THE FOSSIL AGE"; "REFERENCES"; "Protecting the Ozone Layer: A Perspective from Industry"; "ORIGINS OF CONCERN"; "ROLE OF TECHNOLOGY"; "PRECAUTIONARY ACTIONS"; "INTERNATIONAL EFFORTS"; "RENEWED CONTROL EFFORTS AND INDUSTRY LEADERSHIP"; "A HISTORIC INTERNATIONAL AGREEMENT"; "CREDIBLE SCIENTIFIC EVIDENCE"; "CONCLUSION"; "NOTES"; "REFERENCES"
"3 Social and Institutional Aspects"; "The Rise and Fall of Environmental Expertise"; "OPPORTUNITIES AND OBSTACLES"; "THE REAL WORLD OF DECISIONS"; "BIBLIOGRAPHY"; "Environmental Issues: Implications for Engineering Design and Education"; "REGULATORY TRENDS"; "A CHALLENGE TO ENGINEERING"; "DESIGN OF ENVIRONMENTALLY COMPATIBLE PROCESSES AND PLANTS"; "RESEARCH IMPLICATIONS"; "ENVIRONMENTALLY COMPATIBLE CONSUMER PRODUCTS"; "IMPLICATIONS FOR ENGINEERING EDUCATION"; "SUMMARY"; "NOTE"; "REFERENCES"; "Engineering Our Way Out of Endless Environmental Crises"
"ENVIRONMENTAL ENDS, TECHNOLOGICAL MEANS"; "CHALLENGES AND OPPORTUNITIES FOR WASTE TECHNOLOGY"; "LEAVING THE END-OF-PIPE APPROACH"; "ACKNOWLEDGMENTS"; "NOTES"; "REFERENCES"; "The Paradox of Technological Development"; "SOME CHARACTERISTICS OF TECHNOLOGICAL DEVELOPMENT"; "PUBLIC PERCEPTIONS AND PUBLIC POLICY"; "A CASE IN POINT: THE GREENHOUSE EFFECT"; "ADDRESSING GLOBAL WARMING AS A GLOBAL PROBLEM"; "ONE COURSE OF ACTION: NUCLEAR ENERGY"; "ENGINEERING EDUCATION AND PRACTICE: WHAT NEXT?"; "COOPERATION FOR THE FUTURE"; "CONCLUSION"; "ACKNOWLEDGMENTS"; "REFERENCES"
"Contributors"

2. Record Nr.	UNINA9910787937603321
Autore	Abla Adib A
Titolo	Neurointerventional Techniques : Tricks of the Trade / / by: Gonzalez, L. Fernando, Albuquerque, Felipe C., McDougall, Cameron G.
Pubbl/distr/stampa	New York, New York : , : Thieme, , 2015 ©2015
ISBN	1-63853-193-5 1-60406-758-6
Descrizione fisica	1 online resource (368 p.)
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Soggetti	Neurosurgical Procedures
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Part 1: Access -- A New Tool in the Arsenal of the Neurosurgeon: The Checklist -- Sheaths, Catheters, and "Tower of Power" -- Femoral Artery Access -- Brachial and Radial Artery Access; Chapter 5: Direct Access Techniques for Endovascular Procedures; Chapter 6: Management of Femoral Access Complications; Chapter 7: Arch Navigation; Chapter 8: Navigation of the Complex Arch; Chapter 9: Vascular Closure Devices</p> <p>Part 2: Aneurysms</p> <p>Chapter 10: General Techniques of Coil Embolization (Coil Properties, Shapes, Coil Sizing, etc.); Chapter 11: Stretched Coils; Chapter 12: Managing Coil Migration; Chapter 13: Management of the Prolapsed Coil Tail; Chapter 14: Management of Intraoperative Rupture; Chapter 15: Thromboembolic Complications While Coiling; Chapter 16: Transcirculation Approaches; Chapter 17: Two-Catheter Technique for Coil Embolization; Chapter 18: Single-Lumen Balloon-Assisted Coil Embolization; Chapter 19: Double-Lumen Balloon-Assisted Coil Embolization (Ascent Balloon)</p> <p>Chapter 20: Stent-Assisted Coiling of Cerebral Aneurysms</p> <p>Chapter 21: Flow Diverter Treatment for Aneurysms: The Pipeline Embolization Device; Chapter 22: Onyx HD-500 Embolization; Chapter 23: Treatment of Recurrent Aneurysms: Decision Paradigm; Chapter 24: "Going over the Dome": Intra-Aneurysmal Catheter Navigation for Stent-Assisted Coil Embolization of Wide-Neck Aneurysms; Part 3:</p>

Management of Vasospasm; Chapter 25: Pharmacological Angioplasty; Chapter 26: Balloon Angioplasty; Part 4: Embolization of Epistaxis Arteriovenous Malformations, Fistulas, and Tumors Chapter 27: Management of Epistaxis: Emphasis on the Role of Endovascular Therapy Chapter 28: Onyx Embolization; Chapter 29: Proximal and Distal (Combined Catheter) Techniques During Onyx Embolization; Chapter 30: Embolization with NBCA Glue; Chapter 31: The 5% Dextrose Push Technique for Use with NBCA Glue; Chapter 32: Carotic-Cavernous Fistulas: Transarterial and Transvenous Approaches; Chapter 33: The Superior Ophthalmic Vein Approach for Carotid-Cavernous Fistulas; Chapter 34: Direct Access for Dural Arteriovenous Fistulas; Chapter 35: Dural Arteriovenous Fistula: Arterial Embolization Chapter 36: Dural Arteriovenous Fistula Venous Embolization Chapter 37: Endovascular Treatment of Spinal Dural/Epidural Fistulas with a Liquid Embolic Agent; Chapter 38: Intra-Arterial Chemotherapy for Retinoblastoma; Chapter 39: Direct Puncture Tumor Embolization; Part 5: Extracranial Vascular Disease; Chapter 40: Stent Design Choice Based on Anatomy; Chapter 41: Proximal Carotid Stenosis; Chapter 42: Filter Aspiration; Chapter 43: Endovascular Treatment of Chronic Carotid Occlusion; Chapter 44: Cervical Carotid Pseudoaneurysms; Chapter 45: Case for Stenting with Dissection Chapter 46: Vertebral Artery Origin Stenting

Direct Access Techniques for Endovascular Procedure / Eric C. Peterson
-- Direct Puncture Tumor Embolization / Jeremiah N. Johnson

Sommario/riassunto

Neurointerventional Techniques: Tricks of the Trade is a practical reference that includes core procedures used in the growing neurointerventional subspecialty. The step-by-step, concise presentation of procedures along with original line drawings and high-quality images concisely distill a wealth of information, making it easy for both novice and expert neurointerventionists to review how procedures are performed. The book includes over 50 specific procedures as well as important chapters on access points, physiological testing, and pharmacology in the endovascular suite. Key Features: Writte

3. Record Nr.	UNINA9910779181803321
Autore	Filley Christopher M. <1951->
Titolo	The behavioral neurology of white matter [[electronic resource] /] / Christopher M. Filley
Pubbl/distr/stampa	New York, N.Y., : Oxford University Press, 2013
ISBN	0-19-932299-6 1-280-59571-X 9786613625540 0-19-993849-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (442 p.)
Disciplina	616.8/047
Soggetti	Cognitive neuroscience Clinical neuropsychology Neurobehavioral disorders Higher nervous activity Neuroanatomy
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	The neurological background -- White matter structure and function -- Neuroimaging -- Development and aging -- Genetic disorders -- Demyelinative diseases -- Infectious diseases -- Inflammatory diseases -- Toxic leukoencephalopathy -- Metabolic disorders -- Vascular diseases -- Traumatic disorders -- Neoplasms -- Hydrocephalus -- Cognitive dysfunction and dementia -- White matter and neurodegenerative disease -- Focal neurobehavioral syndromes -- Neuropsychiatric dysfunction -- Neurologic aspects -- The behavioral neurology of white matter.
Sommario/riassunto	Behavioral neurology is founded on lesions of cortical gray matter, but recently the contributions of cerebral white matter to cognitive and emotional dysfunction have also attracted attention. The Behavioral Neurology of White Matter surveys this broad and fascinating field from a clinical perspective. Stimulated by recent improvements in neuroimaging, white matter has been carefully studied, and its role in the operations of cognition and emotion clarified by correlations with

clinical observations. The relevance of normal and abnormal white matter to behavioral neurology is apparent in ever
