1. Record Nr. UNINA9910464329603321

Titolo	Advanced surgical techniques in snoring and obstructive sleep apnea / / Kenny P. Pang, editor ; Brian W. Rotenberg, coeditor, B. Tucker Woodson, coeditor
Pubbl/distr/stampa	San Diego, California : , : Plural Publishing, Inc., , 2013 ©2013
ISBN	1-59756-632-2
Descrizione fisica	1 online resource (369 p.)
Disciplina	617.5230592
Soggetti	Rhinoplasty Sleep apnea syndromes - Treatment Snoring - Surgery Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Contents; Preface; Contributors; Chapter 1: Pathophysiology, Signs, and Symptoms of OSA; Chapter 2: Diagnosis of OSA: Polysomnography Versus Portable Monitoring; Chapter 3: Airway Evaluation in OSA; Chapter 4: Current Concepts in Evaluation and Surgical Planning: The Pang-Woodson Protocol; Chapter 5: Drug-Induced Sleep Endoscopy; Chapter 6: Clinical Staging of Obstructive Sleep Apnea; Chapter 7: Oral Appliance Therapy in Obstructive Sleep Apnea; Chapter 8: Positive Airway Pressure Treatment of Obstructive Sleep Apnea; Chapter 9: Nasal Obstruction and Surgical Effects on OSA in Adults Chapter 10: Septoplasty, Nasal Turbinate Reduction in Obstructive Sleep ApneaChapter 11: Modified Cautery Assisted Palate Stiffening Operation (CAPSO)/Anterior Palatoplasty; Chapter 12: Palatal Implants for Treatment of Snoring; Chapter 13: Tonsillectomy Alone and Tonsillotomy in OSA; Chapter 14: UPPP, Review of Techniques: Fujita, Simmons, Fairbanks, and Variants; Chapter 15: Uvulopalatal Flap for Treatment of Sleep Apnea; Chapter 16: Z-Palatopharyngoplasty; Chapter 17: Palatal Advancement Pharyngoplasty; Chapter 18: Expansion Sphincter Pharyngoplasty

	Chapter 19: Tongue Base Radiofrequency AblationChapter 20: Tongue Suspension; Chapter 21: Modified Tongue Suspension; Chapter 22: Endoscopic Midline Glossectomy for Obstructive Sleep Apnea; Chapter 23: Lingual Tonsillectomy for Treatment of Sleep Apnea; Chapter 24: Genioglossus Advancement Mandibulotomy; Chapter 25: Hyoid Suspension; Chapter 26: Rapid Maxillary Expansion; Chapter 27: Maxillo-Mandibular Advancement; Chapter 28: Anesthesia Considerations in Surgery for Snoring and Sleep Apnea Chapter 29: Robotic Surgery for OSAHS: Transoral Robotic Tongue Base Reductionand Supraglottoplasty for OSAHSChapter 30: Salvage Surgery Techniques for Failed UPPP; Chapter 31: Upper Airway Stimulation - Implanted Neurostimulation Device for Treatment of Obstructive Sleep Apnea; Chapter 32: Tracheostomy in OSA; Chapter 33: Pediatric Obstructive Sleep Apnea: Diagnosis and Management; Index
Sommario/riassunto	For sleep surgeons, ENT surgeons, residents and medical students alike this must-have resource covers the modern approaches to surgery for snoring and obstructive sleep apnea (OSA).

2.

Record Nr.	UNINA9910143736303321
Autore	Langton Roy
Titolo	Stability and control of aircraft systems [[electronic resource]] : introduction to classical feedback control / / Roy Langton
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : Wiley, c2006
ISBN	0-470-05848-X 1-280-72117-0 9786610721177 0-470-05849-8
Descrizione fisica	1 online resource (256 p.)
Collana	Aerospace series
Disciplina	629.13236 629.83
Soggetti	Stability of airplanes Airplanes - Control Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

Nota di contenuto	Stability and Control of AircraftSystems; Contents; Series Preface; Preface; 1 Developing the Foundation; 1.1 Engineering Units; 1.1.1 International System of Units (SI); 1.1.2 US/Imperial Units System; 1.1.3 Comparing the SI and US/Imperial Units Systems; 1.2 Block Diagrams; 1.2.1 Examples of Summation (or Comparison) Devices; 1.3 Differential Equations; 1.3.1 Using the 'D' Notation; 1.4 Spring-Mass System Example; 1.4.1 The Standard Form of Second-order System Transfer Function; 1.5 Primer on Complex Numbers; 1.5.1 The Complex Sinusoid; 1.6 Chapter Summary; 2 Closing the Loop 2.1 The Generic Closed Loop System2.1.1 The Simplest Form of Closed Loop System; 2.2 The Concept of Stability; 2.3 Response Testing of Control Systems; 2.4 The Integration Process; 2.5 Hydraulic Servo-actuator Example; 2.6 Calculating Frequency Response; 2.6.1 Frequency Response of a First-order Lag; 2.6.2 Frequency Response of a Second-order System; 2.7 Aircraft Flight Control System Example; 2.7.1 Control System Assumptions; 2.7.2 Open Loop Analysis; 2.7.3 Closed Loop Performance; 2.8 Alternative Graphical Methods for Response Analysis; 2.8.1 The Nyquist Diagram 2.8.2 Deriving Closed Loop Response from Nyquist Diagrams2.8.3 The Nichols Chart; 2.8.4 Graphical Methods - Summary Comments and Suggestions; 2.9 Chapter Summary; 3 Control System Compensation Techniques; 3.1 Control System Requirements; 3.2 Compensation Methods; 3.2.1 Proportional Plus Integral Control; 3.2.2 Proportional Plus Integral Plus Derivative Control; 3.2.3 Lead-Lag Compensation; 3.2.4 Lag-Lead Compensation; 3.2.5 Feedback Compensation; 3.3 Applications of Control Compensation; 3.3.1 Proportional Plus Integral Example; 3.3.2 Lead-Lag Compensation Example 3.3.3 Class 2 System Design Example3.4 Chapter Summary; 4 Introduction to Laplace Transforms; 4.1 An Overview of the Application of Laplace Transforms; 4.2 The Evolution of the Laplace Transform; 4.2.1 Proof of the General Case; 4.3 Applying Laplace Transforms to Linear Systems Analysis; 4.3.1 Partial Fractions; 4.4 Laplace Transforms - Summary of Key Points; 4.5 Root Locus; 4.5.1 Root Locus Construction Rules; 4.5.2 Connecting Root Locus to Conventional Linear Analysis; 4.6 Root Locus Example; 4.7 Chapter Summary; 5 Dealing with Nonlinearities; 5.1 Definition of Nonlinearity Types 5.2 Continuous Nonlinearities5.2.1 Engine Fuel Control System Example; 5.3 Discontinuous Nonlinearities; 5.3.1 Stability Analysis with Discontinuous Nonlinearities; 5.4 The Transport Delay; 5.5 Simulation; 5.6 Chapter Summary; 6 Electronic Controls; 6.1 Analog Electronic Controls; 6.1.1 The Operational Amplifier; 6.1.2 Building Analog Control Algorithms; 6.2 The Digital Computer as a Dynamic Control Element; 6.2.1 Signal Conversion; 6.2.2 Digital Controller Architectures; 6.3 The Stability Impact of Digital Controls; 6.4 Digital Control Design Example; 6.5 Creating Digital Control Algorithms 6.5.1 The Integrator
Sommario/riassunto	In the current climate of increasing complexity and functional integration in all areas of engineering and technology, stability and control are becoming essential ingredients of engineering knowledge. Many of today's products contain multiple engineering technologies, and what were once simple mechanical, hydraulic or pneumatic products now contain integrated electronics and sensors. Control theory reduces these widely varied technical components into their important dynamic characteristics, expressed as transfer functions, from which the subtleties of dynamic behaviours can be analyzed and u

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Record Nr.	UNISALENTO991001824779707536
Autore	Centro italiano per lo studio della storia del tessuto
Titolo	Le tappezzerie nelle dimore storiche : studi e metodi di conservazione : atti del Convegno, Firenze 13-15 marzo 1987 / Centro italiano per lo studio della storia del tessuto, sezione Toscana, 4. Convegno
Pubbl/distr/stampa	Torino : U. Allemandi ; [Firenze] : CISST, [1987-1988]
Descrizione fisica	166 p., 28 c. di tav. : ill. ; 24 cm.
Disciplina	746.3945
Soggetti	Tappezzerie - Italia - Congressi
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia