1. Record Nr. UNINA9910462318403321

Autore	Thomas R. Murray (Robert Murray), <1921->
Titolo	Explaining conversations [[electronic resource]] : a developmental social-exchange theory / / R. Murray Thomas and Marie K. Iding
Pubbl/distr/stampa	Lanham, : Jason Aronson, 2012
ISBN	1-280-67990-5 9786613656834 0-7657-0877-9
Descrizione fisica	1 online resource (217 p.)
Altri autori (Persone)	IdingMarie K. <1957->
Disciplina	302.34/6
Soggetti	Conversation Communication and culture Socialization Child development Sociolinguistics 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 and index.
Nota di contenuto	pt. 1. Introduction -- pt. 2. The theory components -- pt. 3. Enhancing social-exchange skill -- pt. 4. Afterthoughts.
Sommario/riassunto	Explaining Conversations offers a different way of interpreting people's social exchanges than has been available in the past. The book is replete with examples of people's verbal interactions in the form of chats, arguments, debates, and negotiations, both within a culture and across cultures. The volume's subtitle, A Developmental Social-Exchange Theory, identifies a theme featured in Chapters 2 and 5-the typical pattern by which social-exchan

2. Record Nr. UNINA9910145283803321

Autore	McMaster Marvin C.
Titolo	GC/MS : a practical user's guide / / Marvin C. McMaster
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Interscience, , 2008 ©2008
ISBN	1-118-21005-0 1-281-20402-1 9786611204020 0-470-22835-0 0-470-22834-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (194 p.)
Disciplina	543 543.85 543/.85
Soggetti	Gas chromatography Mass spectrometry
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	Introduction -- Sample preparation and introduction -- The gas chromatograph -- The mass spectrometer -- Getting started in GC/MS -- Chromatographic methods development -- Mass spectrometer setup and operation -- Data processing and network interfacing -- System maintenance and troubleshooting -- GC/MS in the environmental laboratory -- GC/MS in forensics, toxicology, and space science -- An introduction to structural interpretation -- Ion trap GC/MS systems -- Other GC/MS systems -- An introduction to LC/MS -- Innovation in GC/MS.
Sommario/riassunto	Updated and expanded, the classic guide to GC/MS helps chromatographers quickly learn to use this technique for analyzing and identifying compounds. After explaining the fundamentals, it discusses optimizing, tuning, using, and maintaining GC/MS equipment; explores advances in miniaturized and field-portable GC/MS systems and microfluidic components; and more. Complete with a CD-ROM, it

	covers applications in the environmental laboratory and in forensics, toxicology, and space science. This is the premier resource for professionals in those fields and for students.

3. Record Nr. UNINA9910830238403321

Autore	Lehr Janet
Titolo	Foundations of pulsed power technology / / Janet Lehr and Pralhad Ron
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley : , : IEEE Press, , [2017] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2017]
ISBN	1-119-30116-5 1-119-30117-3 1-118-88650-X
Descrizione fisica	1 PDF (664 pages)
Disciplina	621.3815/34
Soggetti	Pulsed power systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Foundations of Pulsed Power Technology; Contents; Preface; About the Authors; Acknowledgments; Introduction; Sources of Information; References; 1: Marx Generators and Marx-Like Circuits; 1.1 Operational Principles of Simple Marxes; 1.1.1 Marx Charge Cycle; 1.1.2 Marx Erection; 1.1.2.1 Switch Preionization by Ultraviolet Radiation; 1.1.2.2 Switch Overvoltages in an Ideal Marx; 1.1.3 Marx Discharge Cycle; 1.1.3.1 No Fire; 1.1.3.2 Equivalent Circuit Parameters During Discharge; 1.1.4 Load Effects on the Marx Discharge; 1.1.4.1 Capacitive Loads; 1.1.4.2 A Marx Charging a Resistive Load 1.2 Impulse Generators1.2.1 Exact Solutions; 1.2.2 Approximate Solutions; 1.2.3 Distributed Front Resistors; 1.3 Effects of Stray Capacitance on Marx Operation; 1.3.1 Voltage Division by Stray Capacitance; 1.3.2 Exploiting Stray Capacitance: The Wave Erection Marx; 1.3.3 The Effects of Interstage Coupling Capacitance; 1.4 Enhanced Triggering Techniques; 1.4.1 Capacitive Back-Coupling; 1.4.2 Resistive Back-Coupling; 1.4.3 Capacitive and Resistively Coupled

Marx; 1.4.4 The Maxwell Marx; 1.5 Examples of Complex Marx Generators; 1.5.1 Hermes I and II; 1.5.2 PBFA and Z; 1.5.3 Aurora [9] 1.6 Marx Generator Variations1.6.1 Marx/PFN with Resistive Load; 1.6.2 Helical Line Marx Generator; 1.7 Other Design Considerations; 1.7.1 Charging Voltage and Number of Stages; 1.7.2 Insulation System; 1.7.3 Marx Capacitors; 1.7.4 Marx Spark Gaps; 1.7.5 Marx Resistors; 1.7.6 Marx Initiation; 1.7.7 Repetitive Operation; 1.7.8 Circuit Modeling; 1.8 Marx-Like Voltage-Multiplying Circuits; 1.8.1 The Spiral Generator; 1.8.2 Time Isolation Line Voltage Multiplier; 1.8.3 The LC Inversion Generator; 1.9 Design Examples; References; 2: Pulse Transformers; 2.1 Tesla Transformers
2.1.1 Equivalent Circuit and Design Equations2.1.2 Double Resonance and Waveforms; 2.1.3 Off Resonance and Waveforms; 2.1.4 Triple Resonance and Waveforms; 2.1.5 No Load and Waveforms; 2.1.6 Construction and Configurations; 2.2 Transmission Line Transformers; 2.2.1 Tapered Transmission Line; 2.2.1.1 Pulse Distortion; 2.2.1.2 The Theory of Small Reflections; 2.2.1.3 Gain of a Tapered Transmission Line Transformer; 2.2.1.4 The Exponential Tapered Transmission Line; 2.3 Magnetic Induction; 2.3.1 Linear Pulse Transformers; 2.3.2 Induction Cells; 2.3.3 Linear Transformer Drivers
2.3.3.1 Operating Principles2.3.3.2 Realized LTD Designs and Performance; 2.4 Design Examples; References; 3: Pulse Forming Lines; 3.1 Transmission Lines; 3.1.1 General Transmission Line Relations; 3.1.2 The Transmission Line Pulser; 3.2 Coaxial Pulse Forming Lines; 3.2.1 Basic Design Relations; 3.2.2 Optimum Impedance for Maximum Voltage; 3.2.3 Optimum Impedance for Maximum Energy Store; 3.3 Blumlein PFL; 3.3.1 Transient Voltages and Output Waveforms; 3.3.2 Coaxial Blumleins; 3.3.3 Stacked Blumlein; 3.4 Radial Lines; 3.5 Helical Lines; 3.6 PFL Performance Parameters

Sommario/riassunto

Examines the foundation of pulsed power technology in detail to optimize the technology in modern engineering settings Pulsed power technologies could be an answer to many cutting-edge applications. The challenge is in how to develop this high-power/high-energy technology to fit current market demands of low-energy consuming applications. This book provides a comprehensive look at pulsed power technology and shows how it can be improved upon for the world of today and tomorrow. Foundations of Pulsed Power Technology focuses on the design and construction of the building blocks as well as their optimum assembly for synergetic high performance of the overall pulsed power system. Filled with numerous design examples throughout, the book offers chapter coverage on various subjects such as: Marx generators and Marx-like circuits; pulse transformers; pulse-forming lines; closing switches; opening switches; multi-gigawatt to multi-terawatt systems; energy storage in capacitor banks; electrical breakdown in gases; electrical breakdown in solids, liquids and vacuum; pulsed voltage and current measurements; electromagnetic interference and noise suppression; and EM topology for interference control. In addition, the book: . Acts as a reference for practicing engineers as well as a teaching text. Features relevant design equations derived from the fundamental concepts in a single reference. Contains lucid presentations of the mechanisms of electrical breakdown in gaseous, liquid, solid and vacuum dielectrics. Provides extensive illustrations and references Foundations of Pulsed Power Technology will be an invaluable companion for professionals working in the fields of relativistic electron beams, intense bursts of light and heavy ions, flash X-ray systems, pulsed high magnetic fields, ultra-wide band electromagnetics, nuclear electromagnetic pulse simulation, high density fusion plasma, and high energy- rate metal forming

techniques.