

1. Record Nr.	UNINA9910461896103321
Autore	Enright Michael J. <1944->
Titolo	Iona, tara, and soissons [[electronic resource]] : the origin of the royal anointing ritual / / by Michael J. Enright
Pubbl/distr/stampa	Berlin ; ; New York, : De Gruyter, 1985
ISBN	3-11-085551-8
Edizione	[Reprint 2011]
Descrizione fisica	1 online resource (208 p.)
Collana	Arbeiten zur Fruhmittelalterforschung ; ; 17 Bd
Disciplina	394/.4
Soggetti	Coronations - France - History Unction Electronic books. France Kings and rulers
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	Front matter -- INTRODUCTION -- I. ORDAINING KINGS: THE POLITICS OF ROYAL RITUAL IN IRELAND CIRCA 700 A.D. -- II. THE COLLECTIO CANONUM HIBERNENSIS AND THE ORIGIN OF ROYAL ANOINTING IN FRANCIA -- III. ORDAINING PIPPIN: POLITICAL PROPAGANDA AND THE RECEPTION OF THE UNCTION CONCEPT IN FRANCIA -- IV. CONCLUSION -- ABBREVIATIONS -- BIBLIOGRAPHY -- INDEX OF PERSONAL NAMES AND PLACES

2. Record Nr.	UNINA9911004722503321
Autore	Vittoria C
Titolo	Elements of microwave networks : basics of microwave engineering / / Carmine Vittoria
Pubbl/distr/stampa	Singapore ; ; River Edge, NJ, : World Scientific, c1998
ISBN	9781628700985 162870098X 9789812816306 9812816305
Descrizione fisica	1 online resource (298 p.)
Disciplina	621.381/32
Soggetti	Microwave circuits - Mathematical models Microwave transmission lines - Mathematical models Microwaves - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes index.
Nota di contenuto	Contents; Preface; Chapter I Review of Maxwell Equations; A. Maxwell's Equations in MKS System of Units; B. General Constitutive Relations; C. External, Surface and Internal Electromagnetic Fields; D. Practical Example; E. Electric Polarization of Microwave Signal; F. Microwave Response and Polarization; SUGGESTED REFERENCES; Example 1; Example 2; Example 3; Chapter II Common Waveguide Structures; A. Parallel Plate Waveguides; B. Coaxial Line; C. Rectangular Waveguide; SUGGESTED REFERENCES; Example 1; Example 2; Example 3; Chapter III Telegraph's Equation; A. Types of Transmission Lines B. Wave Equation C. Connection to Circuit Parameters; D. Formal Solution; E. Electrical Quantities; F. Bounce Diagram; Example of Step Function Transients; Graphical Representation; SUGGESTED REFERENCES; Example 1; Example 2; Example 3; Example 4; Example 5; Chapter IV Analytical Solution; Introduction; A. Lossy case; B. Real Time Solutions; C. Lossless Case; D. Determination of I_{max} and I_{min} ; 1. Lossless Cases; 2. Lossy Transmission Lines; E. Coupling Between Source and Transmission Line; SUGGESTED REFERENCES; Example 1; Example 2; Example 3; Example 4; Example 5; Chapter V Graphic

Solution

Introduction A. Mathematical Terminologies; B. Plot of $(-l)$ in Complex Plane; C. Projection of $Z(-l)$ Onto The Complex Plane - Smith Chart; D. Projection of $V(-l)$ on The Smith Chart; E. Projection of $I(-l)$ on Smith Chart; F. Graphical Methods For Lossy Lines; SUGGESTED REFERENCES; Example 1; a.) Graphical determination of $Z(-l)$; b.) Graphical Determination of $V(-l)$; c.) Graphical Determination of $I(-l)$; Example 2; a.) Graphical Determination of $Z(-l)$; b.) Graphical Determination of $V(-l)$; b.) Graphical Determination of $I(-l)$; Example 3; Chapter VI Special Topics in Transmission Lines

Introduction A. Stub Tuners; B. Graphical Solution; C. Quarter and Half Wavelength Transmission Lines; 1) Quarter Wavelength Transmission Lines; 2) Half Wavelength Transmission Lines; D. Microwave Absorbers; SUGGESTED REFERENCES; Example 1; Example 2; Example 3; Example 4; Example 5; Example 6; Chapter VII Electromagnetic Scattering Parameters; Introduction; A. Definition of the S-Parameters; A.1. Algebraic Properties of S Matrix; B. Relationship Between Measurements and Network Electrical Parameters; C. Simple Example of Inverse Scattering Problem

D. General Comments About Scattering Parameters SUGGESTED REFERENCE; Example 1; Example 2; Chapter VIII Matrix Representation of Microwave Networks; Introduction; A. Transfer Function Matrix of Two Port Network; B. Transmission Line Analysis Using Matrix Representation; C. Connection Between Scattering Parameters and Matrix Representation; D. General Properties of Matrix Representation; D.1. Single Networks; D.2. Cascaded Networks; D.3. Periodic Network Systems; D.4. Application; E. Some Special Properties of Ferrite Networks; F. Relationship Between Scattering S-Parameters and Matrix Elements

G. Example of Inverse Scattering

Sommario/riassunto

This important book serves as a transition between introductory courses in electromagnetism and realistic concepts employed in the microwave industry. Topics on lossy, multiply connected and ferrite networks are discussed in a simple and direct style to arouse the interest of the novice student, enhance the analytical skills of the practitioner, and invite the perusal of the advanced student to explore the novel concepts developed in the book. In particular, the discussions on ferrite networks are presented as an integral part of the author's theoretical methodology rather than a specialized p
