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| 1. Record Nr. | UNINA9910472054603321 |
| Autore | Petrarca, Francesco <1304-1374> |
| Titolo | Petrarch, the first modern scholar and man of letters : a selection from his correspondence with Boccaccio ... / by James Harvey Robinson ; with the collaboration of Henry Winchester Rolfe |
| Pubbl/distr/stampa | New York, : Haskell house, 1970 |
| Descrizione fisica | X, 436 p. : 1 ritr. ; 23 cm |
| Locazione | FLFBC |
| Collocazione | ID 373 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910808290003321 |
| Autore | Rhea Randall W. |
| Titolo | Filter Synthesis Using Genesys S // Filter |
| Pubbl/distr/stampa | Norwood : , : Artech House, , 2014
[Piscataway, New Jersey] : , : IEEE Xplore, , [2014] |
| ISBN | 1-60807-803-5 |
| Descrizione fisica | 1 online resource (342 p.) |
| Collana | Artech House microwave library |
| Disciplina | 621.3815324 |
| Soggetti | Electric filters
Electric filters - Design and construction
Electric filters - Mathematical models |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Title; Contents; Preface; 1 Transmission Zeros; 1.1 Determining TZ by Inspection; 1.2 Filter Degree; 1.3 Canonical Realization; 1.4 Influence of TZs on the Response; 2 All-Pole Lowpass and Highpass; 2.1 Initial All- |

Pole Lowpass Parameters; 2.2 Dual Topologies; 2.3 Chebyshev Approximation with Even Order; 2.4 All-Pole Highpass Example; 3 Lowpass with Finite Zeros; 3.1 Introduction; 3.2 Alternative Topologies; 4 Conventional Bandpass; 4.1 Bandpass Transform; 4.2 Classification Symmetry or Antisymmetry; 4.3 A 75- to 125-MHz Bandpass; 4.4 A 96- to 104-MHz Bandpass Filter. 4.5 Comparative Analysis of the Wide and Narrow Filters5 Extraction Sequences; 5.1 The Extraction Tab; 6 Customized Bandpass Filters; 6.1 Custom Filter Specification; 6.2 Partial Extractions of FTZs; 6.3 Inexact Extractions; 6.4 Inexact Example; 7 Norton Transforms; 7.1 Norton Series Transform; 7.2 Removing a Transformer with the Series Norton; 7.3 Norton S.

Sommario/riassunto

S/Filter includes tools beyond direct synthesis, including a wide variety of both exact and approximate equivalent network transforms, methods for selecting the most desirable out of potentially thousands of synthesized alternatives, and a transform history record that simplifies design attempts requiring iteration. Very few software programs are based on direct synthesis, and the additional features of S/Filter make it a uniquely effective tool for filter design. This resource presents a practical guide to using Genesys software for microwave and RF filter design and synthesis. The focus of the book is common filter design problems and how to use direct synthesis to solve those problems. This book covers the application of S/Filter features to solving important and common filter problems. Both lumped element and distributed filters are discussed, with extensions to dielectric and quartz crystal resonators.
