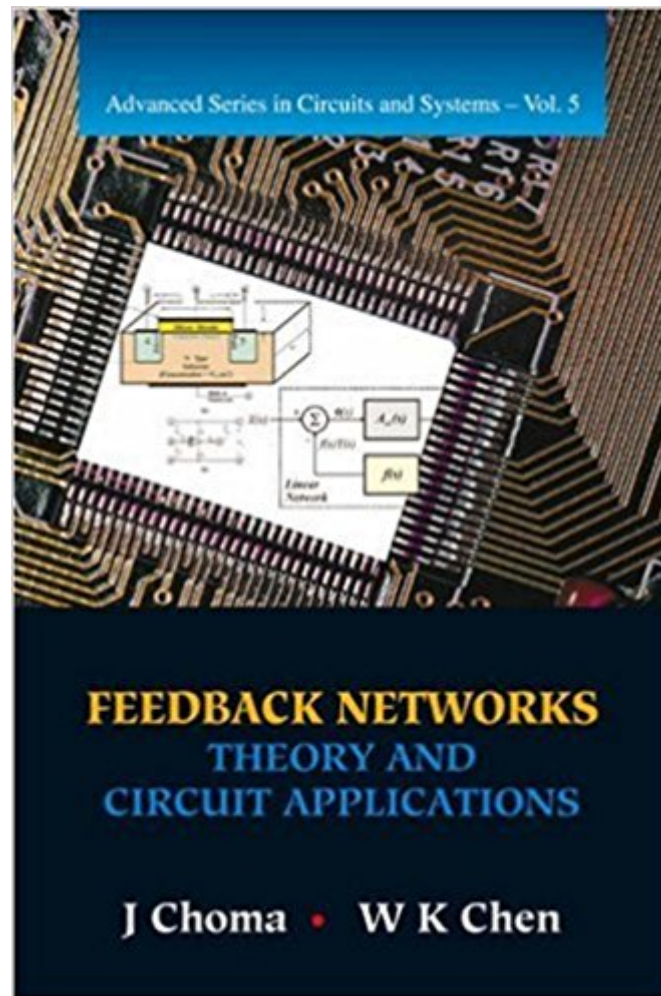




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Feedback Networks: Theory And Circuit Applications



Synopsis

This book addresses the theoretical and practical circuit and system concepts that underpin the design of reliable and reproducible, high performance, monolithic feedback circuits. It is intended for practicing electronics engineers and students who wish to acquire an insightful understanding of the ways in which open loop topologies, closed loop architectures, and fundamental circuit theoretic issues combine to determine the limits of performance of analog networks. Since many of the problems that underpin high speed digital circuit design are a subset of the analysis and design dilemmas confronted by wideband analog circuit designers, the book is also germane to high performance digital circuit design.

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The main purpose of the authors is to create that insightful view that takes the reader from a level of mathematical understanding of analog circuits, to that level where intuition is the main driving force of analog design. This is a rare treat that should be taken advantage of as much as possible ... The book is recommended for both practicing electronic engineers and students. The extensive bibliography will definitely help the individual interested to cover in depth, any of the concepts presented by the authors. --Zentralblatt MATH

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