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	Autore	Grella, Consalvo
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Nota di contenuto

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1.5 Thevenin's theorem 1.6 Norton's theorem; 1.7 Super-position theorem; 1.8 Bibliography; 1.9 Problems; 2 Complex numbers: An introduction; 2.1 Introduction; 2.2 Definition; 2.3 Elementary algebra; 2.3.1 Addition; 2.3.2 Subtraction; 2.3.3 Multiplication; 2.3.4 Division; 2.3.5 Complex equations; 2.3.6 Quadratic equations; 2.4 Polar representation; 2.4.1 Multiplication and division; 2.5 The exponential form; 2.5.1 Trigonometric functions and the exponential form; 2.6 Powers and roots; 2.7 Bibliography; 2.8 Problems; 3 Frequency domain electrical signal and circuit analysis; 3.1 Introduction
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Sommario/riassunto

Luis Moura and Izzat Darwazeh introduce linear circuit modelling and analysis applied to both electrical and electronic circuits, starting with DC and progressing up to RF, considering noise analysis along the way. Avoiding the tendency of current textbooks to focus either on the basic electrical circuit analysis theory (DC and low frequency AC frequency range), on RF circuit analysis theory, or on noise analysis, the authors combine these subjects into the one volume to provide a comprehensive set of the main techniques for the analysis of electric circuits in these areas.