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Autore	Spence Robert <1933->
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Problems; 11 Frequency Domain Behaviour; 11.1 Asymptotic Behaviour; 11.2 Extreme Frequencies; 11.3 Opamp Limitations; 11.4 Problems; Overview: The Analysis of Change; 12 Change Behaviour; 12.1 Voltage Stabilization; 12.2 The Analysis of Change; 12.3 Problems; 13 Small-signal Analysis; 13.1 The Extension of Change Analysis; 13.2 The Calculation of Incremental Resistance; 13.3 Problems
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Sommario/riassunto

Compact but comprehensive, this textbook presents the essential concepts of electronic circuit theory. As well as covering classical linear theory involving resistance, capacitance and inductance it treats practical nonlinear circuits containing components such as operational amplifiers, Zener diodes and exponential diodes. The book's straightforward approach highlights the similarity between the equations describing direct current (DC), alternating current (AC) and small-signal nonlinear behaviour, thus making the analysis of these circuits easier to comprehend. Introductory Circuits</p>
