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Nota di contenuto	Frontmatter -- Contents -- Preface -- 1. Introduction -- 2. Time-domain analysis of LTI systems -- 3. Fourier analysis of signals -- 4. Frequency-domain approach to LTI systems -- 5. Discrete processing of analog signals -- 6. Transform-domain approaches -- 7. Structures and state-space realizations -- 8. Comprehensive problems -- Appendices -- Bibliography -- Index
Sommario/riassunto	Signals and systems enjoy wide application in industry and daily life, and understanding basic concepts of the subject area is of importance to undergraduates majoring in engineering. With rigorous mathematical deduction, this introductory text book is helpful for students who study communications engineering, electrical and electronic engineering, and control engineering. Additionally, supplementary materials are provided for self-learners.