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Nota di contenuto	Front cover; Contents; Preface; Note to Readers on Structure of Book and Exercises; Author; Chapter 1. Introduction to Digital Signal Processing; Chapter 2. Discrete-Time LTI Signals and Systems; Chapter 3. Time and Frequency Analysis of Communication Signals; Chapter 4. Analog to Digital (A/D) and Digital to Analog (D/A) Conversion; Chapter 5. Digital Filter Design-I Theory and Software Tools; Chapter 6. Digital Filter Design-II Applications; Chapter 7. DSP Hardware Design-I; Chapter 8. DSP Hardware Design-II; Appendix A; Appendix B; Appendix C; Appendix D; Appendix E; Appendix F; Index Back cover
Sommario/riassunto	Considering the rapid evolution of digital signal processing (DSP), those studying this field require an easily understandable text that complements practical software and hardware applications with sufficient coverage of theory. Designed to keep pace with advancements in the field and elucidate lab work, Digital Signal Processing Laboratory, Second Edition was developed using material and student input from courses taught by the author.