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Nota di contenuto	1. Getting Started -- 2. Basic Features -- 3. The MATLAB Desktop -- 4. Script M-files -- 5. Arrays and Array Operations -- 6. Multidimensional Arrays -- 7. Numeric Data Types -- 8. Cell Arrays and Structures -- 9. Character Strings -- 10. Relational and Logical Operations -- 11. Control Flow -- 12. Functions -- 13. File and Directory Management -- 14. Set, Bit, and Base Functions -- 15. Time Computations -- 16. Matrix Algebra -- 17. Data Analysis -- 18. Data Interpolation -- 19. Polynomials -- 20. Cubic Splines -- 21. Fourier Analysis -- 22. Optimization -- 23. Integration and Differentiation -- 24. Differential Equations -- 25. Two-Dimensional Graphics -- 26. Three-Dimensional

Graphics -- 27. Using Color and Light -- 28. Images, Movies, and Sound -- 29. Printing and Exporting Graphics -- 30. Handle Graphics -- 31. MATLAB Classes and Object-Oriented Programming -- 32. Examples, Examples, Examples -- Appendix A: MATLAB Release Information -- Appendix B: MATLAB Function Information -- Index.

Sommario/riassunto

For undergraduate and graduate courses in MATLAB or as a reference in courses where MATLAB is used. This text covers all essential aspects of MATLAB presented within an easy- to-follow "learn while doing" tutorial format.
