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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Defining the Case Study -- Chapter 2: Decomposition -- Chapter 3: The Stack -- Chapter 4: The Command Dispatcher -- Chapter 5: The Command Line Interface -- Chapter 6: The Graphical User Interface -- Chapter 7: Plugins -- Chapter 8: New Requirements -- Appendix A: Acquiring, Building, and Executing pdCalc -- Appendix B: Organization of the Source Code -- References.
Sommario/riassunto	Go from competent C++ developer to skilled designer or architect using this book as your personal C++ design master class. Updated for the C++20 standard, this title will guide you through the design and implementation of an engaging case study that forms the backdrop for learning the art of applying design patterns and modern C++ techniques to create a high quality, robust application. Starting with a quick exploration of the requirements for building the application, you'll delve into selecting an appropriate architecture, eventually designing and implementing all of the necessary modules to meet the project's requirements. By the conclusion of Practical C++ Design , you'll have constructed a fully functioning calculator capable of building and executing on any platform that supports both Qt and C++20. Access to the complete source code will help speed your learning.