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Nota di contenuto	part I. CUDA Fortran programming -- part II. Case studies -- part III. Appendices.
Sommario/riassunto	CUDA Fortran for Scientists and Engineers shows how high- performance application developers can leverage the power of GPUs using Fortran, the familiar language of scientific computing and supercomputer performance benchmarking. The authors presume no prior parallel computing experience, and cover the basics along with best practices for efficient GPU computing using CUDA Fortran. To help you add CUDA Fortran to existing Fortran codes, the book explains how to understand the target GPU architecture, identify computationally intensive parts of the code, and modify the code to m