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## OpenACC for Programmers: Concepts and Strategies (Paperback)

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Pearson Education (US), United States, 2017. Paperback. Condition: New. Language: English . Brand New Book. The Complete, NVIDIA-Authorized Guide to OpenACC with Massively Parallel Programming Scientists and technical professionals can use OpenACC to leverage the immense power of modern GPUs without the complexity traditionally associated with programming them. Sponsored by NVIDIA, OpenACC for Programmers is the first comprehensive and practical overview of OpenACC massively parallel programming. OpenACC for Programmers integrates contributions from 19 leading parallel programming experts from academia, public research organizations, and industry. The authors and editors explain each key concept behind OpenACC, demonstrate how to use essential OpenACC development tools, and thoroughly explore each OpenACC feature set. Throughout, you'll find realistic examples, hands-on exercises, and case studies showcasing the efficient use of OpenACC language constructs. You'll discover how OpenACC's language constructs can be translated to maximize application performance, and how its standard interface can target multiple platforms via widely used programming languages. Each chapter builds on what you've already learned, helping you build practical mastery one step at a time, whether you're a GPU programmer, scientist, engineer, or student. All example code and exercise solutions are available for download at GitHub. Discover how...

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