Industrial Applications of High-Performance Computing: Best Global Practices (Chapman & Hall/CRC Computational Science)

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Featuring the contributions of leading experts from 11 different countries, this authoritative book:

- Provides a brief history of the development of the supercomputer
- Describes the supercomputing environments of various government entities in terms of policy and service models
- Includes a case study section that addresses more subtle and technical aspects of industrial supercomputing
- Shows how access to supercomputing matters, and how supercomputing can be used to solve large-scale and complex science and engineering problems
- Emphasizes the need for collaboration between companies, political organizations, government agencies, and entire nations

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Editorial Review

Review

"This book gives a comprehensive and up-to-date overview of the rapidly expanding field of the industrial use of supercomputers. It is just a pleasure reading through informative country reports and in-depth case studies contributed by leading researchers in the field."
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