



# Parallel Computational Fluid Dynamics 2003: Advanced Numerical Methods, Software and Applications

*Boris Chetverushkin, Jacques Periaux, N. Satofuka, A. Ecer*

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## **Parallel Computational Fluid Dynamics 2003: Advanced Numerical Methods, Software and Applications**

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The book is devoted to using of parallel multiprocessor computer systems for numerical simulation of the problems which can be described by the equations of continuum mechanics. Parallel algorithms and software, the problems of meta-computing are discussed in details, some results of high performance simulation of modern gas dynamic problems, combustion phenomena, plasma physics etc are presented.

· Parallel Algorithms for Multidisciplinary Studies

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