

Fischer, Paul F.; Patera, Anthony T.

Parallel simulation of viscous incompressible flows. (English) Zbl 0802.76065

Annu. Rev. Fluid Mech. 26, 483-527 (1994).

This article deals with the formulation, implementation, and application of parallel numerical algorithms for the simulation of incompressible viscous fluid flows. The article is intended to combine some aspects of a general introduction for the broader fluid dynamics community, some aspects appropriate for researchers active in at least numerical simulation, if not parallel processing, and lastly, some material particularly directed towards researchers already engaged in parallel computing.

For the entire collection see [[Zbl 0791.00011](#)].

MSC:

76M99 Basic methods in fluid mechanics

76D99 Incompressible viscous fluids

65Y05 Parallel numerical computation

Cited in **13** Documents

Keywords:

[concurrent distributed computing](#); [parallel processing](#); [numerical algorithms](#)