

**Hilbert, David**

**An efficient Navier-Stokes solver and its application to fluid flow in elastic tubes.** (English)

[Zbl 0632.76052](#)

Numerical methods, Proc. 4th Conf., Miskolc/Hung. 1986, Colloq. Math. Soc. János Bolyai 50, 439-447 (1988).

For the entire collection see [[Zbl 0627.00019](#)].

**MSC:**

[76D10](#) Boundary-layer theory, separation and reattachment, higher-order effects

[76M99](#) Basic methods in fluid mechanics

**Keywords:**

instationary Navier-Stokes; equations; geometries with fixed boundaries; splitting-up technique; finite element method; analytic solution; tubes with elastic walls; iterative solution