

Girault, V.; Raviart, P.-A.

Finite element approximation of the Navier-Stokes equations. (English) [Zbl 0413.65081](#)
Lecture Notes in Mathematics. 749. Berlin-Heidelberg-New York: Springer-Verlag. VII, 200 p. DM 25.00;
\$ 13.80 (1979).

For a scan of this review see the [web version](#).

MSC:

- 65N30 Finite element, Rayleigh-Ritz and Galerkin methods for boundary value problems involving PDEs
- 65-06 Proceedings, conferences, collections, etc. pertaining to numerical analysis
- 65-02 Research exposition (monographs, survey articles) pertaining to numerical analysis
- 76D05 Navier-Stokes equations for incompressible viscous fluids
- 35Q30 Navier-Stokes equations

Cited in **2** Reviews
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Keywords:

[comprehensive treatment](#); [numerical methods](#); [Navier-Stokes equations](#); [numerical hydrodynamics](#); [finite element method](#); [mixed finite element theory](#); [Stokes problem](#)

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