

# Chebyshev Spectral-Finite Element Method for Three-Dimensional Vorticity Equation

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**摘要** Combined Chebyshev spectral-finite element schemes are constructed for three-dimensional unsteady vorticity equation. The generalized stability and convergence are proved strictly.

**关键词** [Chebyshev spectral-finite ele](#)

分类号

## Chebyshev Spectral-Finite Element Method for Three-Dimensional Vorticity Equation

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**Abstract** Combined Chebyshev spectral-finite element schemes are constructed for three-dimensional unsteady vorticity equation. The generalized stability and convergence are proved strictly.

**Key words** [Chebyshev spectral-finite element approximation](#) [vorticity equation](#)

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