

2017 年发表的论文: (*通讯作者)

1. **Yanping Chen*** and Fenglin Huang, Spectral method approximation of flow optimal control problems with H^1 -norm state constraint, Numerical Mathematics: Theory, Methods and Applications, Vol. 10, Issue 3, August 2017, pp. 614-638. (SCI 刊物)
2. Haitao Leng and **Yanping Chen***, Convergence and quasi-optimality of an adaptive finite element method for optimal control problems on L^2 errors, Journal of Scientific Computing, Vol. 73, Issue 1, October 2017, pp 438–458. (SCI 刊物)
3. Keyan Wang and **Yanping Chen***, Two-grid mixed finite element method for nonlinear hyperbolic equations, Computers & Mathematics with Applications, Vol. 74, Issue 6, 15 September 2017, pp. 1489-1505. (SCI 刊物)
4. Xiong Liu and **Yanping Chen***, Convergence analysis for the Chebyshev collocation methods to Volterra integral equations with a weakly singular kernel, Advances in Applied Mathematics and Mechanics, Vol. 9, No. 6, December 2017 pp. 1506-1524. (SCI 刊物)
5. Yunxia Wei and **Yanping Chen***, Legendre spectral collocation method for Volterra-Hammerstein integral equation of the second kind, Acta Mathematica Scientia, Vol. 37, Issue 4, July 2017, pp. 1105-1114. (SCI 刊物, *通讯作者)
6. Shang Liu and **Yanping Chen***, A new two-grid method for expanded mixed finite element solution of nonlinear reaction diffusion equations, Advances in Applied Mathematics and Mechanics, Vol. 9, No. 3, June 2017, pp. 757-774. (SCI 刊物)
7. Yin Yang, **Yanping Chen**, Yunqing Huang, and Huayi Wei, Spectral collocation method for the time-fractional diffusion-wave equation and convergence analysis,

Computers and Mathematics with Applications, Vol. 73, Issue 6, 15 March 2017, pp. 1218-1232. (SCI 刊物)

8. Libin Liu and **Yanping Chen***, A-posteriori error estimation in maximum norm for a strongly coupled system of two singularly perturbed convection-diffusion problems, Journal of Computational and Applied Mathematics, Vol. 313, March 2017, pp. 152–167. (SCI 刊物)
9. Yin Yang and **Yanping Chen**, Spectral collocation methods for nonlinear Volterra integro-differential equations with weakly singular kernels, Bulletin of the Malaysian Mathematical Sciences Society, March 2017, DOI 10.1007/s40840-017-0487-7. (SCI 刊物)