

2010 年发表的论文:

1. **Yanping Chen**, Lingli Liu and Zuliang Lu, A posteriori error estimates of mixed methods for parabolic optimal control problems, Numerical Functional Analysis and Optimization, Vol. 31, Issue 10, 2010, pp. 1135 – 1157. (SCI 收录)
2. Jiming Yang and **Yanping Chen**, A priori error analysis of a discontinuous Galerkin approximation for a kind of compressible miscible displacement problems, Science China Mathematics, Vol. 53, No. 10, 2010, pp. 2679-2696. (SCI 收录)
3. Jianwei Zhou, **Yanping Chen***, and Yongquan Dai, Superconvergence of triangular mixed finite elements for optimal control problems with an integral constraint, Applied Mathematics and Computation, 217 (2010), pp. 2057-2066. (SCI 收录, *通讯作者)
4. **Yanping Chen** and Zuliang Lu, Error estimates for parabolic optimal control problem by fully discrete mixed finite element methods, Finite Elements in Analysis and Design, Vol. 46, No. 11, 2010, pp. 957-965. (SCI/EI 收录)
5. **Yanping Chen**, Li Dai, and Zuliang Lu, Superconvergence of rectangular mixed finite element methods for constrained optimal control problem, Advances in Applied Mathematics and Mechanics, Vol. 2, No. 1, 2010, pp. 56-75. (SCI 收录)
6. Wenqiang Wang and **Yanping Chen**, Mean-square stability of Euler method for linear neutral stochastic delay differential equations, Mathematica Numerica Sinica, Vol. 32, No. 2, 2010, pp. 206-212. (in Chinese)
7. Wenqiang Wang and **Yanping Chen**, Mean-square stability of milstein methods for neutral stochastic delay differential equations, Mathematica Applicata, Vol. 23, No. 3, 2010, pp. 548-553. (in Chinese)
8. **Yanping Chen** and Zuliang Lu, Error estimates of fully discrete mixed finite element methods for semilinear quadratic parabolic optimal control problems,

Computer Methods in Applied Mechanics and Engineering, Vol. 199, No. 23, 2010, pp. 1415–1423. (SCI/EI 收录)

9. **Yanping Chen**, Yunqing Huang, Wenbin Liu, and Ningning Yan, Error estimates and superconvergence of mixed finite element methods for convex optimal control problems, Journal of Scientific Computing, Vol. 42, No. 3, 2010, pp. 382–403. (SCI 收录)
10. Xiaoqing Xing, **Yanping Chen***, and Nianyu Yi, Error estimates of mixed finite element methods for quadratic optimal control problems, Journal of Computational and Applied Mathematics, Vol. 233, 2010, pp. 1812-1820. (SCI 收录, *通讯作者)
11. **Yanping Chen** and Tao Tang, Convergence analysis of the Jacobi spectral-collocation methods for Volterra integral equations with a weakly singular kernel, Mathematics of Computation, Vol. 79, No. 269, 2010, pp. 147–167. (SCI 收录)