# 中山大学 信息科学与技术学院
## SUN YAT-SEN UNIVERSITY　School of Information Science and Technology,Sun Yat-sen University

首页　学院概况　师资队伍　学术科研　本科教育　研究生教育　在职工程硕士　继续教育　学生工作　党群工作　人才招聘　交流合作

博学

Study extensively; Enquire accurately; Reflect carefully; Discriminate clearly; Practise earnestly.
博学、审问、慎思、明辨、笃行

当前位置：　博导风采 > 教师资料

## 李晓东

| 基本情况 | | |
|---|---|---|
| 性别： | 男 | |
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**· 详细介绍**

基本情况：男，博士,中山大学信科院自动化系教授.主持国家自然科学基金项目.

学历：

１９８７年7月毕业于陕西师范大学数学系，获理学学士学位.

１９９０年1月毕业于华东工学院（现南京理工大学）八系自动控制专业，获工学硕士学位.

２００３年１０月至２００６年１０月在香港城市大学学习并获博士学位.

研究领域：

迭代学习控制理论与应用,二维线性系统理论与应用,人工神经网络,人工智能等.

近年发表的主要学术论文：

[1] **Xiao-Dong Li,** John K. L. Ho, "Further Results on Iterative Learning Control with Convergence Conditions for Linear Time-Variant Discrete Systems," *International Journal of System Science.*（In press）

[2] **Xiao-Dong Li,** Tommy W. S. Chow, and John K. L. Ho, "Iterative learning control with initial rectifying action for nonlinear continuous systems," *IET Proc. Control Theory and Applications.* Vol. 3, No. 1, Jan. 2009.

[3] **Xiao-Dong Li,** Tommy W. S. Chow, and John K. L. Ho, "Quasi-sliding mode based repetitive control for nonlinear continuous-time systems with rejection of periodic disturbances," *Automatica,* Vol. 45, No. 1, Jan. 2009.

[4] **Xiao-Dong Li,** Tommy W. S. Chow, and John K. L. Ho, "Iterative learning control for a class of nonlinear discrete-time systems with multiple input delays," *International Journal of System Science，* Vol. 39, No. 4, April 2008.

[5] **Xiao-Dong Li,** Tommy W. S. Chow, John K. L. Ho, and Hong-Zhou Tan, "Repetitive learning control of nonlinear continuous-time systems using quasi-sliding mode," *IEEE Trans. on Control Systems Technology ,* Vol. 15, No. 2, March 2007.

[6] **Xiao-Dong Li,** John K. L. Ho and T.W.S. Chow, "Iterative learning control for linear time-variant discrete systems based on 2-D system theory", *IEE Proc. Control Theory and Applications，*Vol.152, No.1, Jan. 2005.

[7] **Xiao-Dong Li,** Tommy W. S. Chow and John K. L. Ho, "2-D system theory based iterative learning control for linear continuous systems with time-delays," *IEEE Trans. on Circuit and Systems, Part I. Regular paper,*

Vol. 52, No. 7, July. 2005.

[8] **Xiao-Dong Li,** John K. L. Ho, and Tommy W. S. Chow, "An iterative learning control method and mathematical model for robotic manipulation at undesired locations," *International Journal of Computer Integrated Manufacturing,* Vol. 18, No. 6, Sep. 2005.

[9] **Xiao-Dong Li,** John K. L. Ho, and Tommy W. S. Chow, "Approximation of dynamical time-variant systems by continuous-time recurrent neural networks," *IEEE Trans. on Circuit and Systems, Part II. Express briefs,* Vol. 52, No. 10, Oct. 2005.

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