



学院概况

学院简介

学院领导

机构设置

专业设置

师资队伍

学院荣誉

首页 > 学院概况 > 师资队伍 > 正文

解学军教授

Date: 2016-12-14

一、个人简介

解学军，1968年生。1999年在中国科学院系统科学研究所获得博士学位(导师郭雷院士)，2001-2003年在东北大学从事博士后研究工作(导师张嗣瀛院士)，2001年破格晋升教授，2004年博士生导师。

研究方向：非线性和随机系统控制。目前在控制科学与工程、控制论招收博士生。

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二、学术奖励

荣誉奖励

1. 山东省泰山学者特聘专家, 2017年
2. 山东省一流学科负责人, 2016年
3. 山东省有突出贡献的中青年专家, 2011年
4. 国务院政府特殊津贴, 2006年
5. 教育部新世纪优秀人才支持计划, 2005年

科研奖励

1. 教育部自然科学二等奖, 随机非线性系统分析、控制及在机械系统中的应用, 2017年, 第一
2. 山东省自然科学奖二等奖, 非线性、随机与不确定系统的控制问题研究, 2010年, 第一
3. 教育部自然科学二等奖, 非线性与不确定系统分析与设计研究, 2002年, 第三

三、学术任职

1. 国际顶级期刊Automatica编委, 聘期:2019.8-2022.7
2. 中国工业与应用数学学会第七届理事会理事
3. 中国自动化学会第十一届控制理论专业委员会委员

四、国际期刊论文

- [1] Xue-Jun Xie, Meng-Meng Jiang. Dynamic state feedback stabilization of stochastic cascade nonlinear time-delay system inverse dynamics. IEEE Transactions on Automatic Control, 2019, 64(12)
- [2] Meng-Meng Jiang, Xue-Jun Xie, Kemei Zhang. Finite-time stabilization of stochastic high-order nonlinear systems via inverse dynamics. IEEE Transactions on Automatic Control, 2019, 64(1):313-320
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- [4] Yuangong Sun, Yazhou Tian, Xue-Jun Xie. Stabilization of positive switched linear systems and its application in multiagent systems. IEEE Transactions on Automatic Control, 2017, 62(12):6608-6613
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- [13] Xin Yu, Xue-Jun Xie. Output feedback regulation of stochastic nonlinear systems with stochastic iISS inverse dynamic system. *IEEE Transactions on Automatic Control*, 2010, 55(2):304-320
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- [16] Ming-Yue Cui, Zhao-Jing Wu, Xue-Jun Xie. Output feedback tracking control of stochastic Lagrangian systems and its application. *Automatica*, 2014, 50(5):1424-1433
- [17] Ming-Yue Cui, Zhao-Jing Wu, Xue-Jun Xie, Peng Shi. Modeling and adaptive tracking for a class of stochastic Lagrangian systems. *Automatica*, 2013, 49(3):770-779.
- [18] Liang Liu, Xue-Jun Xie. State feedback stabilization for stochastic feedforward nonlinear systems with time-varying delay. *Automatica*, 2013, 49(4):936-942
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- [25] Zhao-Jing Wu, Xue-Jun Xie, Peng Shi, Yuan-Qing Xia. Backstepping controller design for a class of stochastic nonlinear systems with Markovian switching. *Automatica*, 2009, 45(4):997-1004
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