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承担项目	<p>主持项目：</p> <ol style="list-style-type: none"> 1. 国家自然科学基金：不确定生产环境下基于进化的制造系统自适应调度研究（编号：71401076） 2. 中央高校基本科研业务费青年基金项目（编号：KJQN201560） 3. 南京农业大学引进人才启动基金项目（编号：rcqd14- 07） <p>参与项目：</p> <ol style="list-style-type: none"> 4. 国家自然科学基金重点项目(60934008)：知识化制造系统优化方法研究与应用，2010-2013，参与完成(排名第四) 5. 教育部人文社科基金项目(08JA790057)：一类新的金融混沌系统的动力学分析、控制及应用，2008-2010 			
学术成果	<p>近期主要论文：</p> <ol style="list-style-type: none"> 1. Wang HX, Yan HS. An interoperable adaptive scheduling strategy for knowledgeable manufacturing based on SMGWQ-learning. Journal of Intelligent Manufacturing, 2016, 27(5):1085-1095. 2. Wang HX, Cai GL, Miao S, Tian LX. Nonlinear feedback of a novel hyperchaotic system and its circuit implementation. Chinese Physics B, 2010, 19(3):030509. 3. Jiang TH, Wang HX. Study on the self-evolution problem of an aircraft-engine assembly workshop with uncertain number of assembly times. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2015, 229(8): 1414-1428. 4. Yan HS, Wang HX and Zhang XD. Simultaneous Batch Splitting and Scheduling on Identical Parallel Production Lines. Information Sciences, 2013, 221:501-509 5. 汪浩祥，严洪森. 基于 SAUBQ 学习的知识化制造系统自适应调 			

	<p>度策略. 系统工程理论与实践, 2014, 34(7):1885-1894.</p> <p>6. 汪浩祥, 严洪森, 汪峥. 知识化制造环境中基于双层 Q 学习的航空发动机自适应装配调度. 计算机集成制造系统, 2014, 20(12):3011-3019</p> <p>7. 汪浩祥, 严洪森, 汪峥. 面向航空发动机装配线的知识化制造自适应优化调度. 中国机械工程, 2014, 25(23):3180-3187, 3194.</p> <p>8. 汪浩祥, 严洪森. 基于多 Agent 可互操作知识化制造动态自适应调度策略. 控制与决策, 2013, 28(2):161-168.</p>
<p>奖励荣誉</p>	<p>2016 年指导的毕业论文获“2016 届本科优秀毕业论文（设计）”</p> <p>2016 年获管理工程系“优秀班主任”</p>

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Social appointments				
Research projects	1. A study on adaptive scheduling of manufacturing system based on self-evolution in uncertain production environment. 2014-2017, Supported by <i>National Natural Science Foundation of China</i> (Grant No. 71401076, Principal Investigator)			
Academic achievements	<ol style="list-style-type: none"> 1. Wang HX, Yan HS. An interoperable adaptive scheduling strategy for knowledgeable manufacturing based on SMGWQ-learning. <i>Journal of Intelligent Manufacturing</i>, 2016, 27(5):1085-1095. 2. Wang HX, Cai GL, Miao S, Tian LX. Nonlinear feedback of a novel hyperchaotic system and its circuit implementation. <i>Chinese Physics B</i>, 2010, 19(3):030509. 3. Jiang TH, Wang HX. Study on the self-evolution problem of an aircraft-engine assembly workshop with uncertain number of assembly times. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i>, 2015, 229(8): 1414-1428. 4. Yan HS, Wang HX and Zhang XD. Simultaneous Batch Splitting and Scheduling on Identical Parallel Production Lines. <i>Information Sciences</i>, 2013, 221: 501-509. 			
Reward & honor				

