

目 次

1	基于国密技术的WiFi安全接入认证协议研究·····	李建 陈积常 杨颖	1
2	基于国密技术的WiFi安全接入系统的实现·····	杨颖 李建 陈积常	7
3	在线学习平台集群服务器架构设计与实现·····	林宁 左悦	12
4	基于深度学习的玉米异常果穗智能筛分方法·····	梁国际 刘兰华	17
5	构建计算机网络课程中的思政教育协议栈·····	傅继彬	23
6	面向竞教融合的个性化智能导学平台·····	叶晨 王晓国 王利	27
7	一种基于学生学习习惯的实验教学设计模型·····	毛斐巧 梁正平 冯禹洪 明仲	33
8	疫情环境下基于学习共同体理论的PBL线上教学模式研究·····	张栋梁 拓明福 李超	44
9	高铁智能运维虚拟仿真实验设计与应用·····	彭文娟 李清勇 周围 余贲球 许华婷	49
10	支持自动评测的计算机体系结构课程实验管理系统·····	·····	·····
	·····	吴强 彭蔓蔓 贺旭 张吉良 许邦建 刘彦	57
11	基于新工科理念的软件工程课程建设·····	杜文峰 朱安民 袁琳	62
12	成果导向的离散数学线上线下混合式课程建设·····	王丽杰 戴波	67
13	基于百度飞桨的热成像人员身份与行为识别教学案例开发·····	·····	·····
	·····	何赟泽 杜闯 常珊 刘敏 王洪金	71
14	面向教师赋能的师资培训方法研究与实践——以计算机专业教师为例·····	·····	·····
	·····	奎晓燕 夏卓群 邹北骥 郭克华 杨霞	76
15	综合型实验设计指导框架的探索与实践·····	王盛邦 韦宝典	81
16	虚拟仿真实验共享平台及资源建设探索与实践·····	王文润 党建武 岳彪 王阳萍	86
17	面向产出的计算机网络线上线下混合式教学研究及实践·····	尚凤军	91
18	专业学位硕士研究生理实一体培养模式探索·····	李生林 樊友洪 张恒 李方	97
19	面向新工科的计算机类专业软硬件协同创新实践教学模式探索·····	·····	·····
	·····	王彤 陈景柱 邓庆绪 鲍玉斌 于亚新	102
20	大学计算机实践课程思政探索·····	陈龙 崔舒宁 黄鑫	110
21	双一流背景下的操作系统实践课程改革研究与探索·····	王金凤 孙微微 张丽霞 张猜	116
22	计算机类专业操作系统课程思政教学改革探究·····	王艳秋 燕孝飞	121
23	智能硬件课程建设介绍及智能硬件教学仪的研制·····	王毅航 毛强 薛菲菲	125
24	《集合与图论》的联合实验课程——以欧拉图构造性证明的算法实现为例·····	吴永辉	131
25	混合教学模式下的网络空间安全课程教学改革·····	李鹏伟 黄佳佳 吕从东	136
26	量子计算机、量子通信学习中的最大难点·····	·····	·····
	·····	张凤祥	141

Contents

1	Research on Authentication Protocol of WiFi Secure Access System Based on State Secret Technology <i>Li Jian Chen Jichang Yang Ying</i>	1
2	Implementation of the WiFi Secure Access System Model based on State Secret Technology..... <i>Yang Ying Li Jian Chen Ji Chang</i>	7
3	Design and Implementation of Online Learning System Cluster Server Architecture..... <i>Li Ning Zuo Yue</i>	12
4	The Intelligent Screening Method for Abnormal Ear of Maize based on Deep Learning..... <i>Liang Guoji Liu Lanhua</i>	17
5	Constructing the Ideological and Political Education Protocol Stack in Computer Network Courses..... <i>Fu Jibin</i>	23
6	A Personalized Intelligent Tutoring Platform for the Integration of Competition and Teaching..... <i>YE Chen WANG Xiaoguo WANG Li</i>	27
7	A Model for Experiment Teaching Design based on Study Habits..... <i>MAO Feiqiao LIANG Zhengping FENG Yuhong MING Zhong</i>	33
8	Research on PBL online Teaching Model based on Learning Community Theory in epidemic Environment..... <i>Zhang Dongliang Tuo Mingfu Li Chao</i>	44
9	Design and Application of Virtual Simulation Experiment for Intelligent Operation and Maintenance of High-speed Railway..... <i>Peng Wenjuan Li Qingyong Zhou Wei Yu Kuanglu Xu Huating</i>	49
10	Lab Management System Supporting Automatic Grading for Computer Architecture Course..... <i>WU Qiang PENG Manman HE Xu ZHANG Jiliang XU Bangjian LIU Yan</i>	57
11	A Joint Construction Sample of Software Engineering Course with New Engineering and Technical <i>Disciplines</i> <i>Wenfeng Du Anming Zhu Lin Yuan</i>	62
12	Outcome Oriented Online and Offline Hybrid Course Construction of Discrete Mathematics..... <i>Lijie Wang Bo Dai</i>	67
13	Teaching Case Development of Thermal Imaging Personnel Identity and Behavior Identification Based on Baidu Paddle Paddle..... <i>He Yunze Du Chuang Chang Shan Liu Min Wang Hongjin</i>	71
14	Research and Practice of Teacher Training Methods for Teacher Empowerment—Taking Computer Teachers as an Example..... <i>Kui Xiaoyan Xia Zhuoqun Zou beiji Guo Kehua Yang Xia</i>	76
15	Exploration and Practice of Comprehensive Experimental Design Guidance Framework <i>Wang Shengbang Wei Baodian</i>	81
16	Exploration and Practice of Virtual Simulation Experiment Sharing Platform and Resource Construction <i>WANG Wenrun DANG Jianwu YUE Biao WANG Yangping</i>	86
17	Research and Practice of Online and Offline Hybrid Teaching of the Output-oriented Computer Network <i>Shang Fengjun</i>	91
18	Exploration on the Integration of Theory and Practice Training Mode in Postgraduate Education of Professional Degree Masters..... <i>LI Shenglin FAN Youhong ZHANG Hen LI Fang</i>	97
19	Exploration of Innovative Practice Teaching Mode from Software and Hardware Collaborative Facing on the New Engineering for Computer Specialty..... <i>WANG Tong CHEN Jingzhu Deng Qingxu Bao Yubin YU Yaxin</i>	102
20	The Design and Practice of Curriculum Politics in College Computer Practice Teaching..... <i>Chen Long Cui Shuning Huang Xin</i>	110
21	Study and Explore of Practical Course of Operating System in Double First-class Construction..... <i>Wang Jinfeng Sun Weiwei Zhang Lixia Zhang Cai</i>	116

22	Research on the Reform of Ideological and Political Education in the Course of Operating System for Computer Majors.....	<i>Wang Yanqiu Yan Xiaofei</i>	121
23	Introduction of Intelligent Hardware Course and Development of Intelligent Hardware Teaching Instrument.....	<i>WANG Yihang MAO Qiang XUE Feifei</i>	125
24	A Joint Experimental Curriculum for Set and Graph Theory: The Algorithm Implementation for the Constructive Proof of Euler Graph.....	<i>Yonghui Wu</i>	131
25	Research on the Mixed Teaching Mode of Cyberspace Security Course.....	<i>Pengwei Li Jiajia Huang Congdong Lv</i>	136
26	Biggest Challenges in Study of Quantum Computers and Quantum communications.....	<i>Fengxiang Zhang</i>	141