

目 次

1 基于学习过程的研究生培养质量评估模型·····	李明亮 李军辉 柴变芳	1
2 基于知识图谱的Java EE程序设计教学模式研究·····	徐胜舟 帖军	5
3 混合式教学模式下学生学习力评价和提升研究 ·····	李家春 何克晶	11
4 面向GenAI的师-机-生三元共生程序设计教育模型研究与实证·····	郝熙 潘晟昊	18
5 地方高校利用PTA平台提高学生编程能力改革与实践·····	黄正鹏	24
6 基于华为云的“计算机组成原理”新形态实验教学改革·····	刘晓颖 张策 李剑雄 何辉	30
7 “知识图谱+大模型”赋能《Python数据分析及应用》课程教学模式创新·····	王平水 陈涛 王泽成	36
8 基于普开平台的“Hadoop系统应用”课程实验教学的改革探索·····	周华涛 涂芳 孙方	41
9 基于人工智能大模型的软件工程课程教学改革·····	陈俊杰 左一帆 姜文晖 鄢杰斌 方玉明	48
10 基于产教融合的“国产化操作系统”实验教学改革探索·····	闫丽丽 丁哲 吕智颖	53
11 基于NFV的网络空间安全专业课程实验考核方法改革·····	许博 王秀磊 邢长友 张国敏	58
12 程序设计课程教学双轮驱动新模式探索·····	傅佑铭 梁超 何政 刘峰	62
13 密码学课程思政教育探索研究·····	张际焱 邵昕童 沈盼 史臻 崔霆	69
14 专业背景课实战化教学改革探索——以“数据分析与挖掘”为例·····	·····邹世辰 郝文宁 程恺 靳大尉 相力	74
15 基于马克思主义认识论的软件工程课程思政实践探讨·····	·····韩万江 张笑燕 杨金翠 陈晋鹏 陈琬峥	80
16 “新工科”背景下软件工程专业实验教学的改革探索·····	王琳 尚虹宇	87
17 面向对象课程设计提升学生参与度的教学探索与实践·····	石蕴玉 刘翔 汤显 单亮	93
18 《大数据安全》课程建设：探索与实践·····	石瑞生 兰丽娜 时金桥	101
19 基于知识图谱的离散数学教学实践探索·····	陈琮 吕建明	106
20 AI赋能《JAVAEE应用开发》三段式教学改革探索·····	诺明花 赵俊峰 戴海滨	111
21 交叉融合视域下军校语言类专业计算机通识课程思政教学设计与实践·····	·····王亚利 任静静 范冰冰	117
22 基于GD32F303RET6 的单片机实验板研发及教学实践·····	田金琴 丁红胜 王晓峰	122
23 基于AI大模型的“数据结构与算法”课程教学实践探索·····	·····刘凌 吴永芬 唐艳琴 赵洪华 施蕾	128
24 新工科+产教融合的计算机专业机器人导论课程教学实践·····	张艳玲	134
25 操作系统课程思政建设研究及实践·····	翟高寿 张娜 胡海江 王婷	140
26 高等代数赋能C语言程序设计的教学思考与实践·····	肖钰汾 陈华瑾 谭林	147
27 数智赋能下程序设计基础课程项目驱动智慧教学创新实践·····	·····戴晓东 韦小平 李跃飞 彭芳芳 陈沅涛	152
28 计算原理视角中的数据库课程认知分析·····	职为梅 宋伟 朱真峰	157
29 面向新医科的《医学人工智能》课程体系构建·····	秦婧	163

30	利用AI解构-重构电子政务安全保障人才培养体系·····	周玉晨 池亚平 刘宇栋 冯雁 范洁	167
31	面向融媒体行业的软件工程人才培养模式探索·····	余雨萍 陈云霞	174
32	AI赋能的地方高校信创人才培养模式·····	谭云 秦姣华 向旭宇	180
33	基于TPACK理论数智教育环境下高校教师角色与能力发展研究·····	杨常唯 毛明志	186
34	面向网络安全实战化人才培养的体系化课赛一体教学方法·····	詹东阳 叶麟 王莘 刘立坤 郝萌	193
35	浅析理论计算机科学与形式化方法课程中重要思想与意识的教育·····	刘万伟 李瞰 华强胜 毛晓光 沈立	197
36	不平衡数据下基于随机森林的网络入侵检测·····	卫昱君 马悦凯 王佳悦 白琳	203
37	基于竞赛项目的人工智能专业“赛教融合”教学案例研究·····	贾子琪 郭东恩	211
38	基于AI智能体编排系统的实验难点挖掘·····	袁平海 黄冲 陈付龙	217
39	面向新工科的网络舆情分析实践教学体系构建·····	杨佳 林姍	223
40	“双减”背景下信息技术与生物学课后作业融合设计的研究·····	廖东丽 陈旻	230

Contents

1	Graduate Training Quality Evaluation Model Based on Learning Process.....	<i>LI Mingliang LI Junhui</i>	1
2	Study on Knowledge Graph-based Teaching Model for Java EE Programming.....	<i>Xu Shengzhou Tie Jun</i>	5
3	Research on the Evaluation and Improvement of Students' Learning Ability Under Blended Teaching Mode.....	<i>Jiachun Li Kejing He</i>	11
4	Research and Empirical Study on the Teacher-AI-Student Tripartite Symbiosis Programming Education Model for GenAI.....	<i>Hao xi Pan shengmin</i>	18
5	Reform and Practice of Using PTA Platform to Improve Students' Programming Ability in Local Colleges and Universities.....	<i>HUANG Zhengpeng</i>	24
6	New form experimental teaching reform of "Computer composition Principle" Based on Huawei Cloud.....	<i>Liu Xiaoying Zhang Ce Li Jianxiong He Hui</i>	30
7	Innovative Teaching Mode of "Python Data Analysis and Application" Course Driven by " Knowledge Graphs + Large Models".....	<i>Wang Pingshui Chen Tao Wang Zecheng</i>	36
8	Exploration of the Reform in Experimental Teaching of "Hadoop System Application" Course Based on the Pukai Platform.....	<i>Zhou Huatao Tu Fang Sun Fang</i>	41
9	Teaching Reform of Software Engineering Courses Based on Large-scale Artificial Intelligence Models.....	<i>Junjie Chen Yifan Zuo Wenhui Jiang Jiebing Yan Yuming Fang</i>	48
10	Exploring Experimental Teaching Reform for "Domestic Operating Systems" Based on Industry-Education Integration.....	<i>Yan Lili Ding Zhe Lv Zhiying</i>	53
11	Reform of the Experimental Examination Method for the Course of Cyberspace Security Specialty Based on NFV.....	<i>Xu Bo Wang Xiulei Xing Changyou Zhang Guomin</i>	58
12	New Dual-Wheel Drive Teaching Model for Programming Courses.....	<i>Fu Youming Liang Chao He Zheng Liu Feng</i>	62
13	Research on the Exploration of Ideological and Political Education in Cryptography Courses.....	<i>Jiyan Zhang Xintong Shao Pan Shen Zhen Shi Ting Cui</i>	69
14	Exploration of Practical Teaching Reform in Professional Courses: Taking "Data Analysis and Mining" as an Example.....	<i>Zou Shichen Hao Wenning Cheng Kai Jin Dawei Xiang Li</i>	74
15	Discussion on Ideological and Political Education Practice in Software Engineering Courses Based on Marxist Epistemology.....	<i>Wanjiang Han Xiaoyan Zhang Jincui Yang Jinpeng Chen</i>	80
16	Reform of Experimental Teaching for Software Engineering under New Engineering Background.....	<i>Wang Lin Shang Hongyu</i>	87
17	Teaching Exploration and Practice on Improving Students' Engagement in Object-Oriented Course Design.....	<i>Shi Yunyu Liu Xiang Tang Xian Shan Liang</i>	93
18	"Big Data Security" Course Development: Exploration and Practice.....	<i>Shi Ruisheng Lan Lina Shi Jinqiao</i>	101
19	Exploration of Discrete Mathematics Teaching Practice Based on Knowledge Graph.....	<i>Qiong Chen Jianming Lü</i>	106
20	Exploration of AI-Empowered Three-Stage Teaching Reform in "Java EE Application Development".....	<i>Minghua Nuo Junfeng Zhao Haibin Dai</i>	111
21	The Ideological and Political TTeaching Design and Practice of the Computer General Course of the Military School Language Major from the Perspective of Cross Integration.....	<i>Yali Wang jinning Ren Bingbing Fan</i>	117

22	Development and Teaching Practice of Single-Chip Microcomputer Experiment Board Based on GD32F303RET6.....	<i>TIAN Jinjin DING Hongsheng Wang Xiaofeng</i>	122
23	Exploration and Practice of "Data Structures and Algorithms" Course Based on Large AI Model.....	<i>Ling Liu Yongfen Wu Yanqin Wu Honghua Zhao Lei Shi</i>	128
24	Teaching Practice of the "Introduction to Robotics" Course for Computer Major Under the Background of Emerging Engineering Education and Industry-Education Integration.....	<i>Zhang Yanling</i>	134
25	Study and Practice on Ideological and Political Construction in Operating System Courses.....	<i>Zhai Gaoshou Zhang Na Hu Haijiang Wang Ting</i>	140
26	Teaching Thoughts and Practices on C Language Programming Empowered by Advanced Algebra.....	<i>XIAO Yufen CHEN Huajin TAN Lin</i>	147
27	Innovative Practice of Smart Teaching Driven by Projects under Digital and Intelligent Empowerment in the Fundamentals of Programming Course.....	<i>Dai Xiaodong Wei Xiaoping Li Yuefei Peng Fangfang Chen Yuantao</i>	152
28	Cognitive Analyses of Database Course from the Perspective of Computing Principles.....	<i>Weimei ZHI Wei SONG Zhenfeng ZHU</i>	157
29	Building the Medical AI Curriculum for New Medical Education.....	<i>Jing Qin</i>	163
30	Using AI to Deconstruct and Reconstruct the Talent Training System for E-government Security Assurance	<i>Zhou Yuchen Chi Yaping Liu Yudong Feng Yan Fan Jie</i>	167
31	Exploration of a Talent Cultivation Model for Software Engineering Oriented to the Converged Media Industry.....	<i>Yu Yuping Chen Yunxia</i>	174
32	AI Empowered Training Mode for Innovative Talents of Information Technology in Local Universities	<i>Yun Tan Jiaohua Qin Xuyu Xiang</i>	180
33	Research on the Role and Ability Development of College Teachers in the Digital Intelligence Education Environment Based on TPACK Theory	<i>Changwei Yang Mingzhi MAO</i>	186
34	A Systematic Teaching Method Integrating Courses And Competitions For The Cultivation of Practical Cybersecurity Talent.....	<i>Zhan Dongyang Ye Lin Wang Shen Liu Likun Hao Meng</i>	193
35	A Preliminary Analysis of the Education of Important Ideas and Awareness in the Courses of Theoretical Computer Science and Formal Methods.....	<i>Wanwei LIU Tun LI Qiangsheng HUA Xiaoguang MAO Li SHEN</i>	197
36	Intrusion Detection Based on Random Forest for Imbalanced Data.....	<i>WEI Yujun MA Yuekai WANG Jiayue BAI Lin</i>	203
37	A Teaching Case Study on "Competition-Education Integration" for Artificial Intelligence Majors Based on Competition Projects.....	<i>JIA Ziqi GUO Dongen ZHAO Weiwei</i>	211
38	Automated Mining of Experimental Teaching Challenges Using AI-Agent Orchestration.....	<i>YUAN Pinghai HUANG Chong CHEN Fulong</i>	217
39	The Construction of Practical Teaching System of Internet Public Opinion Analysis for New Engineering Disciplines.....	<i>Jia Yang Shan Lin</i>	223
40	Research on the Integrated Design of Information Technology and Biology Homework Under the Background of "Double Reduction".....	<i>Dongli Liao Yang Chen</i>	230