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Disciplina	371.334
Soggetti	Education—Data processing Optical data processing Special purpose computers Multimedia systems Application software Computers and Education Computer Imaging, Vision, Pattern Recognition and Graphics Special Purpose and Application-Based Systems Media Design Computer Appl. in Social and Behavioral Sciences
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Discussion on Training Students' Ability to Solve Complex Engineering Problems from the Perspective of Professional Certification -- A Brief Discussion about the Accessibility and Usability of Web-based Instruction in Software Design Teaching -- Research on Data Mining Technology of Social Network Associated Information -- Teaching Effect of College English Based on Cloud Class Platform -- Research and Practice on Advanced Language Programming Teaching Mode based on O2O -- Machine Learning and Modern Education -- Application of WINDLX Simulator in Teaching Practice to Solve the Structural and Control Related in the Pipeline -- Analysis model of

teacher-support and learning engagement in e-learning -- An early-warning method on e-learning -- Research on the Innovative Education Practical Teaching Mode of Electronic Information for Outstanding Engineer -- Research on Elective Courses Construction of General Education in Web Technology and Practice -- A Model of Mobile Learning Application for Tertiary Education in Rural Area in China: A Preliminary study -- Research on Learning Resource Design Model based on Mobile Learning -- Analysis of Course "Applied Mathematics" in Postgraduate Education based on Change of Training Objective -- Research on Cultivation of Internet+ Innovative and Entrepreneurial Talents -- Research on collaborative learning of training task based on cloud computing -- Correlation Analysis between the Regular Performance and the Final Performance of College Math Courses -- Teaching Practice Research of Electric Power System Analysis Based on CDIO Mode -- Research and Practice of Project Teaching Method in CAD / CAM Course Teaching -- Research on Cultivation Mode of Innovative Talents in Colleges and Universities -- Teaching Reform and Practice of the Course Mechanism Manufacture Technology Basis Based on CDIO Education Foundation -- The Application of Hybrid Teaching Model in Electrotechnics Course -- Research on the Construction of Teachers' Team in Higher Vocational Education in the New Epoch -- Application of WINDLX Simulator in Teaching Practice to Solve the Data-related in the Pipeline -- Evaluation of Undergraduate Teaching Quality in Local Colleges and Universities based on the Discreteness of Postgraduate Entrance Examination Results -- Optimization of Courses System for Mining Engineering Guided by Engineering Education Accreditation -- Optimization and Practice of Talent Cultivation Scheme -- Regression Project in Mining Engineering Specialty -- The Research of The Effect of Applying AR Technology in The Teaching of Higher Vocational Training Courses -- HTML5 Web Design Course Teaching Research -- The Application Research of SPOC Mode in Mobile Terminal Application Development Course Teaching -- Teaching Experience for Non-Computer Major App Inventor Program Design Course -- Promoting the Hands-on Skills of Engineering Students by Blending Practice Teaching Method -- Reform of Practical Teaching System for Metallurgical Engineering Undergraduate Course under New Engineering Background -- E-Learning Data Mining -- Construction of Engineering Graduate Education System Based on Cultivation of Innovation and Entrepreneurial Ability -- Research on blended learning activity and application -- Construction of Teaching Quality Assurance System in the Context of Engineering Education Certification -- Taking Students as the Center, Discussing Some Thoughts on the Certification of Engineering Education Major -- Regarding Engineering Education Professional Certification as a Starting Point, Do a Good Job of Audit Assessment -- Research on the Related Teaching method of Computer Operating System Course -- Build up Peer Instruction Based Flipped Classroom with Social Network -- The Empirical Study on English Teaching Mode of Higher Vocational Colleges Focused on Professional English Abilities Training -- A Survey on College Education Using Internet -- The Construction and Practice of E-Teaching and Learning Innovative Mode for the Design History Course -- Flipped Classroom Based on E-learning in Computer Science and Technology: A Case Study -- Using Twitter to Enhance the Students' Skills: Motivation -- Disregarded Factor in Educational Design -- Mechanism of Virtual Learning Environment System -- The Current Situation of Information Security and Prevention General Course in Universities and a Teaching Approach based on Students Structure -- Research on Shared Information Management in University College Reference Room.

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## Sommario/riassunto

This book constitutes the proceedings of the 4rd International Conference on e-Learning, e-Education, and Online Training, eLEOT 2018, held in Shanghai, China, in April 2018. The 49 revised full papers presented were carefully reviewed and selected from 120 submissions. They focus on most recent and innovative trends in this broad area, ranging from distance education to collaborative learning, from interactive learning environments to the modelling of STEM (Science, Technology, Mathematics, Engineering) curricula.

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