1. Record Nr. UNINA9910506405703321 Autore Bylieva Daria Titolo Technology, Innovation and Creativity in Digital Society: XXI Professional Culture of the Specialist of the Future Cham: .: Springer International Publishing AG. . 2021 Pubbl/distr/stampa ©2022 **ISBN** 3-030-89708-7 Descrizione fisica 1 online resource (1009 pages) Collana Lecture Notes in Networks and Systems Ser.;; v.345 Altri autori (Persone) NordmannAlfred Soggetti Electronic books. Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto

Intro -- Preface -- Contents -- Dimensions of Creativity -- Creativity in Engineering - Classics of Modern Dialectical Philosophy Revisited --1 Concepts of Creative Activity in Hegel and Marx -- 2 Freedom and Necessity -- 3 Scientific Activity and Engineering -- 4 Engineering as the Universal and the Communal Work -- References -- Work Engagement - Gateway to Creativity -- 1 Introduction -- 2 Research Questions and Method -- 3 Key Concepts -- 4 Discussion -- 4.1 Discussion of Propositions -- 4.2 Answering the Research Questions --4.3 The Role of Managers and Leaders in WE -- 5 Conclusions -- 5.1 Implications for Managers and Leaders -- 5.2 Limitations and Future Research -- 5.3 Contributions -- References -- Cosmos and Metacosmos in Dessauer's Philosophy of Technology: Inventing the Environment -- 1 Introduction -- 2 Dessauerian Ontology: Cosmos and Metacosmos -- 3 Humans as a Means of Connecting Worlds -- 4 The Logic of Progress, the Problem of Environment -- 5 Ethics -- 6 Conclusion -- References -- Creativity as a Technology -- 1 Introduction (Semantic Source of "Creativity") -- 2 New Creativity, Technology and True Creativity -- 3 Some Traits of "New Creativity" --4 New Creativity "Creatisms" -- 5 Conclusion -- References -- Talent as a Personality Resource of People with Schizotypal Personality -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusions -- References -- Epistemic Foraging and the Creative Process: Crawling Over Creation -- 1 Introduction -- 2 The Free Energy

and the Robot Vacuum Cleaner -- 4 Frameworks and Freedom -- 5 Conclusion -- References -- Creativity and Its Genetic Foundations --1 Introduction -- 2 Methods -- 3 Results -- 4 Discussion --References -- Images of Giftedness and Creativity -- 1 Introduction. 2 Literature Review -- 3 Methodology -- 4 Results and Discussion -- 5 Conclusion -- References -- Towards Creation: Sergius Bulgakov and Pavel Florensky on the Relationship Between Scientific and Religious Experience -- 1 Introduction -- 2 Literature Review -- 3 Reflection -- 4 Discussion -- 5 Conclusion -- References -- The Technical and the Religious: Concepts and Contemporary Social Practices -- 1 Introduction -- 2 Research Results -- 3 Discussion -- 4 Conclusion -- References -- The Omnibenevolence Paradox and the Education Paradox: An Amendment to G. W. Leibniz's Theodicy -- 1 Introduction -- 2 Research Methods -- 3 Solution 1. Immoralism and Atheism -- 4 Solution 2. Theism Denving Evil -- 5 Solution 3. Man as the Creator of Evil -- 6 Solution 4. God as Creator of Evil -- 7 Results -- References -- Creativity in Technosociety -- The Concept of Utility: The Role of Utilitarianism in Formation of a Technological Worldview -- 1 Introduction to the Problem -- 2 The Concept of Utility in the Ethics of Classical Utilitarianism -- 3 The Concept of Utility in the Technical Worldview -- 4 Conclusion -- References -- Digital Technologies of the Self: Instrumental Rationality or Creative Integrity? -- 1 Introduction -- 2 Methodology -- 3 Results -- 3.1 Magic of Numbers and Quantification Boundaries -- 3.2 Between Discrimination and Emancipation -- 3.3 Commodification of the Lifeworld -- 4 Discussion -- 5 Conclusion -- References --National Judicial Bodies in Search of a Balance of Public and Private Interests -- 1 Introduction -- 2 Methods -- 3 Results -- 3.1 Background of Claims and Appellants' Arguments -- 3.2 Trial Court: Arguments and Conclusions -- 3.3 Appeal Court: Arguments and Conclusions -- 3.4 Implications of the Court's Decisions -- 4 Conclusion -- References. Remote Work as a Societal Incentive for Creativity: Phygital Initiative for Self-actualization -- 1 Introduction -- 2 Materials and Methods --3 Results -- 4 Conclusion -- References -- The Creative Factor in the Competition Between Human and Artificial Intelligence: A Challenge for Labor Law -- 1 Introduction -- 2 The Importance of Employee Creativity in the Context of the Expansion of the Technosphere -- 2.1 Skills of the Specialist of the Future -- 2.2 The Value of Technology for the Work of the Future -- 2.3 Creativity as an Essential Skill -- 2.4 Dilemma -- 2.5 Work and Creativity -- 3 Conclusion -- References -- Legal Aspects of Artificial Intelligence Application in Artistic Activity -- 1 Introduction -- 2 Literature Review -- 3 Methods -- 4 Results -- 4.1 Legal Aspects of the Application of Al in Artistic Activity -- 4.2 Convergence Between Artificial Intelligence and Artistic Activity in International Law -- 4.3 Convergence Between Artificial Intelligence and Artistic Activity in Russian Law -- 5 Discussion -- 6 Conclusion -- References -- Creative Solutions and Professional Culture of Prison Staff -- 1 Cognitive Technologies and Creative Solutions in the Process of Forming the Professional Culture of Prison Staff -- 2 Literature Review -- 3 Methodology -- 4 Results of an Empirical Study -- 5 Discussion/Analysis -- 6 Conclusion -- 7 Limitation and Study Forward -- References -- Pressure of Digital Technologies and Students' Creative Thinking in the Educational System -- 1 Introduction -- 2 Literature Review -- 3 Research Methods -- 4 Results and Discussions -- 5 Conclusions -- References -- Informative and Communicative Environment for the Development of Student

Principle and Creativity -- 3 A Thought Experiment: The Toddler

Creativity and Flexible Skills -- 1 Introduction -- 2 Methods -- 3 Results -- 3.1 Analysing the Labour Market for In-Demand Flexible Skills.

3.2 The Agile Skills Model of the Modern Specialist -- 3.3 The Structure of the Information and Communication Environment of Interaction and Self-education of Students -- 3.4 Criteria for Assessing the Effectiveness of Using the Developed Environment -- 4 Discussion -- 4.1 Criticism of the Proposed Approach -- 4.2 Prospects for Development -- 5 Conclusion -- References -- Cultivating Creativity -- 1 Introduction -- 2 Research Design -- 2.1 Research Topic, Questions and Objectives -- 2.2 Research Strategy, Philosophy, Approach and Method -- 2.3 Concepts -- 3 The Case -- 3.1 Context -- 3.2 Demand for Creativity -- 3.3 Cultivating Creativity -- 4 Conclusions -- 4.1 Implications for HE Policy Makers, HEIs Leaders and Managers -- 4.2 Implications for HE Educators -- 4.3 Implications for HE Researchers -- References -- "Without Electricity/Gravity..." Generating Ideas About the Fate of Civilization -- 1 Creativity, Technology, Future -- 2 What Will Happen... If ...? -- 2.1 The Disappearance of Gravity -- 2.2 The Disappearance of Electricity -- 3 Conclusion and Discussion -- References -- Green Universities in an Orange Economy: New Campus Policy -- 1 Introduction -- 2 Methods -- 3 Results and Discussions -- 3.1 Problem Statement -- 3.2 Development Directions of the Green University -- 3.3 Planned Results -- 4 Conclusions -- References -- A Creative Approach to Creating a Livable Urban Environment -- 1 Introduction -- 1.1 Relevance and Practical Significance -- 1.2 Purpose and Objectives of the Study --2 Theoretical Foundations -- 3 Research Methods -- 4 Conducted Research -- 4.1 Assessment of the Development of the Creative Economy in the Sverdlovsk Region -- 4.2 Opportunities for the Development of Creative Spaces in Ekaterinburg -- 5 Applied Aspects of Research -- 6 Research Results and Conclusions --References.

Mental Maps as a Creative Tool of Marketing Analysis in Education -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Conclusion -- References -- Creative Interventions in Corporate Museums and the Transformation of a Company's Communication Space -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Conclusion -- References -- Ways to Solve the Problems of Employer-Sponsored Education -- 1 Introduction -- 2 Problem Statement -- 3 Methodology -- 4 Results --5 Discussion -- 6 Conclusion -- References -- Transcreation as a Creative Tool of Translation -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Discussion -- References -- Specialized Periodicals in the Science and Technology Transfer System of Germany and the USSR in 1920-1930s -- 1 Introduction -- 2 Periodical Science and Technology Journals in 1920-30s -- 2.1 Science and Technology Bulletin -- 2.2 Science and Technology Bulletin -- 2.3 Science and Technology Bulletin -- 3 Conclusions -- References -- Creativity and Media Culture in Modern Kazakhstan -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 4 Results and Discussion -- 5 Conclusion -- References -- Art and Technology -- "Progress" in Art in Terms of Semiotics of Creativity -- 1 Introduction. Creative Process as Projective Semiotic Activity -- 2 Methods. Incomplete and Augmented Technical Object -- 3 Results. Advancement of Technology as Transformation of the Rules of Semiosis -- 4 Discussion. Transformation of Semiotic Rules as a Way of Developing Art -- 5 Conclusion -- References -- Transformation of "Alien" Text as a Technology for Generating the New in Russian Drama of the 1990s-2010s -- 1 Introduction -- 2 Problems and Hypothesis

-- 3 Research Methods -- 4 Results and Discussion -- 5 Conclusion -- References -- Composition and Symmetries - Computational Analysis of Fine-Art Aesthetics -- 1 Introduction.
2 Methods of Computational Aesthetics.