1. Record Nr. UNISA996396108303316

Autore	Bede, the Venerable, Saint, <673-735.>
Titolo	Englands old religion [[electronic resource]] : faithfully gathered out of the history of the Church of England, as it was written by Venerable Bede, almost a thousand years agoe (that is) in the year 698 after the passion of our Saviour : Bede saith he ended this history in the year 731 after the incarnation : we have not altered any part of this Fathers own words in any point concerning faith : only here and there is omitted what belongeth not to that purpose / / by H.B
Pubbl/distr/stampa	At Antwerp, : [s.n.], 1658
Descrizione fisica	[31], 242, [1] p
Altri autori (Persone)	BeaumontHenry <1611 or 12-1673.>
Soggetti	Great Britain Church history 449-1066
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	H.B. is Henry Harcourt, alias Beaumont, S.J. Cf. BM. Translation of: Historia ecclesiastica gentis Anglorum. Errata on p. [1] at end. Marginal notes. Imperfect: copy on reel 741:9 lacking 3 p. at end. Reproduction of original in British Library and Union Theological Seminary Library, New York. Entry for H694 cancelled in Wing (2nd ed.).
Sommario/riassunto	eebo-0216

2. Record Nr. UNISA996465394603316

Titolo	50 Years of Artificial Intelligence [[electronic resource]] : Essays Dedicated to the 50th Anniversary of Artificial Intelligence / / edited by Max Lungarella, Fumiya Iida, Josh Bongard, Rolf Pfeifer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-77296-0
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (X, 399 pages)
Collana	Lecture Notes in Artificial Intelligence ; ; 4850
Disciplina	006.3
Soggetti	Artificial intelligence Software engineering Computers Data mining Computer simulation Pattern recognition Artificial Intelligence Software Engineering Computation by Abstract Devices Data Mining and Knowledge Discovery Simulation and Modeling Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Historical and Philosophical Issues -- AI in the 21st Century – With Historical Reflections -- The Physical Symbol System Hypothesis: Status and Prospects -- Fifty Years of AI: From Symbols to Embodiment - and Back -- 2006: Celebrating 75 Years of AI - History and Outlook: The Next 25 Years -- Evolutionary Humanoid Robotics: Past, Present and Future -- Philosophical Foundations of AI -- On the Role of AI in the Ongoing Paradigm Shift within the Cognitive Sciences -- Information Theory and Quantification -- On the Information Theoretic Implications of Embodiment – Principles and Methods -- Development Via

Information Self-structuring of Sensorimotor Experience and Interaction -- How Information and Embodiment Shape Intelligent Information Processing -- Preliminary Considerations for a Quantitative Theory of Networked Embodied Intelligence -- A Quantitative Investigation into Distribution of Memory and Learning in Multi Agent Systems with Implicit Communications -- Morphology and Dynamics -- AI in Locomotion: Challenges and Perspectives of Underactuated Robots -- On the Task Distribution Between Control and Mechanical Systems -- Bacteria Integrated Swimming Microrobots -- Adaptive Multi-modal Sensors -- Neurorobotics -- What Can AI Get from Neuroscience? -- Dynamical Systems in the Sensorimotor Loop: On the Interrelation Between Internal and External Mechanisms of Evolved Robot Behavior -- Adaptive Behavior Control with Self-regulating Neurons -- Brain Area V6A: A Cognitive Model for an Embodied Artificial Intelligence -- The Man-Machine Interaction: The Influence of Artificial Intelligence on Rehabilitation Robotics -- Machine Intelligence, Cognition, and Natural Language Processing -- Tests of Machine Intelligence -- A Hierarchical Concept Oriented Representation for Spatial Cognition in Mobile Robots -- Anticipation and Future-Oriented Capabilities in Natural and Artificial Cognition -- Computer-Supported Human-Human Multilingual Communication -- Human-Like Intelligence: Motivation, Emotions, and Consciousness -- A Paradigm Shift in Artificial Intelligence: Why Social Intelligence Matters in the Design and Development of Robots with Human-Like Intelligence -- Intrinsically Motivated Machines -- Curious and Creative Machines -- Applying Data Fusion in a Rational Decision Making with Emotional Regulation -- How to Build Consciousness into a Robot: The Sensorimotor Approach -- Robot Platforms -- A Human-Like Robot Torso ZAR5 with Fluidic Muscles: Toward a Common Platform for Embodied AI -- The iCub Cognitive Humanoid Robot: An Open-System Research Platform for Enactive Cognition -- Intelligent Mobile Manipulators in Industrial Applications: Experiences and Challenges -- Art and AI -- The Dynamic Darwinian Diorama: A Landlocked Archipelago Enhances Epistemology.

Sommario/riassunto

This Festschrift volume, published in celebration of the 50th Anniversary of Artificial Intelligence, includes 34 refereed papers written by leading researchers in the field of Artificial Intelligence. The papers were carefully selected from the invited lectures given at the 50th Anniversary Summit of AI, held at the Centro Stefano Franscini, Monte VeritA, Ascona, Switzerland, July 9-14, 2006. The summit provided a venue for discussions on historical, business, political and educational perspectives of AI; scientific exchange on the state of the art; speculations about the future; contributions by researchers from different but related areas; presentations of the latest research by top scientists in the field; as well as many informal discussions among the participants and visitors. The selected papers reflect the breadth of the topics presented and discussed at the summit, covering subjects ranging from the history and prospects of AI, to speech recognition and processing, linguistics, bionics, and consciousness. The papers are organized in topical sections on Historical and Philosophical Issues; Information Theory and Quantification; Morphology and Dynamics; Neurorobotics; Machine Intelligence, Cognition, and Natural Language Processing; Human-Like Intelligence: Motivation, Emotions, and Consciousness; Robot Platforms; and Art and AI.

3. Record Nr. UNINA9910805573003321

Titolo	Additive Manufacturing of Bio-implants : Design and Synthesis / / edited by Amit Mahajan, Sandeep Devgan, Redouane Zitoune
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9969-72-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (184 pages)
Collana	Biomedical Materials for Multi-functional Applications, , 2731-9709
Disciplina	572.51
Soggetti	Biomaterials Biomineralization Manufactures Biomedical Materials Machines, Tools, Processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Challenges in Additive Manufacturing: Influence of Process Parameters on Induced Physical Properties of Printed Parts -- Chapter 2: Additive Manufacturing Incorporated Carbon Nanotubes (CNTs); Advances in biomedical domain -- Chapter 3: Formation, testing, and deposition of bioactive material using thermal spray additive manufacturing technique -- Chapter 4: Controlled Oxide Deposition Improves Mechanical and Biomedical Applications of Titanium Alloy -- Chapter 5: Instrumentation and Monitoring of Additive Manufacturing Processes for the Biomedical Applications -- Chapter 6: A Concise Study on Tribological Properties of Additive Manufactured Biomaterials -- Chapter 7: Role and Scope of OEE to Improve Additive Manufacturing Processes in Bio-Medical Industries -- Chapter 8: Corrosion Performance of Additively Manufactured Metallic Biomaterials: A Review -- Chapter 9: Emerging Functionally Graded Materials for Bio-Implant Applications- Design and Manufacturing -- Chapter 10: Biomechanical Evaluation of Load Transfer and Stability in a Corrugated Hip Stem: A Comparative Analysis -- Chapter 11: Applications of 3D Printing in Medical, Engineering, Agricultural and Other Sectors.
Sommario/riassunto	This contributed volume presents the latest research on additive

manufacturing (AM) or 3D printing, one of the key techniques of novel medical devices, which can process complicated or customized structures to match the properties of human tissues. AM allows for the fabrication of devices with optimal architectures, complicated morphologies, surface integrity, and regulated porosity and chemical composition. Various AM methods can now consistently fabricate dense products for a variety of materials, comprising steels, titanium alloys, Co-Cr alloys, metal-based composites, and nanocomposites. This book elucidates the chronology of various techniques that are categorized under additive manufacturing. Moreover, the futuristic techniques or advancements in this area are also described. The available literature focuses on the microstructure and various properties of 3D-printed alloys. However, the research on the wear characteristics, corrosion resistance, and biocompatibility of 3D-printedtechnology for biomedical applications is limited. This book comprises the helicopter view of different surface analysis trends of additive manufactured alloys. The book can be a valuable reference for beginners, researchers, and professionals interested in bioimplant manufacturing and allied fields.