

1. Record Nr.	UNINA990000356570403321
Autore	PROCEEDINGS of the FOURTH INTERNATIONAL CONFERENCE on THERMAL ANALYSIS. Budapest, 1974
Titolo	Proceedings of the Fourth International Conference on Thermal Analysis. Volume 2 : Organic and Macromolecular Chemistry. Earth Sciences. Held at Budapest, Hungary, July 8-13 1974 / Edited by I. Buzas.
Pubbl/distr/stampa	Budapest : Akademiai Kiado, 1975
ISBN	963-05-0558-4
Descrizione fisica	3 voll., ill., 25 cm
Locazione	DINCH
Collocazione	04 082-99/2
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	vol.2: Organic and macromolecular chemistry Earth sciences.

2. Record Nr.	UNINA9910458846703321
Autore	Lott Steven F.
Titolo	Mastering object-oriented Python : grasp the intricacies of object-oriented programming in Python in order to efficiently build powerful real-world applications / / Steven F. Lott ; cover image by Duraid Fatouhi
Pubbl/distr/stampa	Birmingham, [England] : , : Packt Publishing, , 2014 ©2014
ISBN	1-78328-098-0
Edizione	[1st edition]
Descrizione fisica	1 online resource (634 p.)
Collana	Community Experience Distilled
Disciplina	005.133
Soggetti	Python (Computer program language) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Some Preliminaries; About casino Blackjack; Playing the game; Blackjack player strategies; Object design for simulating Blackjack; Performance - the time it module; Testing - unittest and doctest; Unit testing and technology spikes; Docstrings - RST markup and documentation tools; The IDE question; About special method names; Summary; Part 1: Pythonic Classes via Special Methods; Chapter 1: The <code>__init__()</code> Method; The implicit superclass - object The base class object <code>__init__()</code> method Implementing <code>__init__()</code> in a super class; Using <code>__init__()</code> to create manifest constants; Leveraging <code>__init__()</code> via a factory function; Faulty factory design and the vague else clause; Simplicity and consistency using elif sequences; Simplicity using mapping and class objects; Two parallel mappings; Mapping to a tuple of values; The partial function solution; Fluent APIs for factories; Implementing <code>__init__()</code> in each subclass; Simple composite objects; Wrapping a collection class; Extending a collection class; More requirements and another design Complex composite objects Complete composite object initialization; Stateless objects without <code>__init__()</code> ; Some additional class definitions;

Multi-strategy `__init__()`; More complex initialization alternatives; Initializing static methods; Yet more `__init__()` techniques; Initialization with type validation; Initialization, encapsulation, and privacy; Summary; Chapter 2: Integrating Seamlessly with Python - Basic Special Methods; The `__repr__()` and `__str__()` methods; Non collection `__str__()` and `__repr__()`; Collection `__str__()` and `__repr__()`; The `__format__()` method

Nested formatting specifications Collections and delegating format specifications; The `__hash__()` method; Deciding what to hash; Inheriting definitions for immutable objects; Overriding definitions for immutable objects; Overriding definitions for mutable objects; Making a frozen hand from a mutable hand; The `__bool__()` method; The `__bytes__()` method; The comparison operator methods; Designing comparisons; Implementation of comparison for objects of the same class; Implementation of comparison for objects of mixed classes; Hard totals, soft totals, and polymorphism

A mixed class comparison example The `__del__()` method; The reference count and destruction; Circular references and garbage collection; Circular references and the weak ref module; The `__del__()` and `close()` methods; The `__new__()` method and immutable objects; The `__new__()` method and metaclasses; Metaclass example 1 - ordered attributes; Metaclass example 2 - self-reference; Summary; Chapter 3: Attribute Access, Properties, and Descriptors; Basic attribute processing; Attributes and the `__init__()` method; Creating properties; Eagerly computed properties; Setter and deleter properties

Using special methods for attribute access

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#### Sommario/riassunto

This book follows a standard tutorial approach with approximately 750 code samples spread through the 19 chapters. This amounts to over 5,900 lines of code that illustrate each concept. This book is aimed at programmers who have already learned the basics of object-oriented Python and need to write more sophisticated, flexible code that integrates seamlessly with the rest of Python. This book assumes a computer science background, with experience of common Python design patterns.

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3. Record Nr.	UNISA996465464103316
<b>Titolo</b>	Bio-inspired Computing: Theories and Applications [[electronic resource] ] : 14th International Conference, BIC-TA 2019, Zhengzhou, China, November 22–25, 2019, Revised Selected Papers, Part I // edited by Linqiang Pan, Jing Liang, Boyang Qu
<b>Pubbl/distr/stampa</b>	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
<b>ISBN</b>	981-15-3425-X
<b>Edizione</b>	[1st ed. 2020.]
<b>Descrizione fisica</b>	1 online resource (XXIV, 775 p. 261 illus., 168 illus. in color.)
<b>Collana</b>	Communications in Computer and Information Science, , 1865-0929 ; ; 1159
<b>Disciplina</b>	006
<b>Soggetti</b>	Artificial intelligence Algorithms Numerical analysis Computers Computer communication systems Optical data processing Artificial Intelligence Algorithm Analysis and Problem Complexity Numeric Computing Information Systems and Communication Service Computer Communication Networks Computer Imaging, Vision, Pattern Recognition and Graphics
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Nota di contenuto</b>	Review on the Improvement and Application of Ant Colony Algorithm -- Experimental analysis of selective imitation for multifactorial differential evolution -- Brain Storm Optimization Algorithm with Estimation of Distribution -- Tentative Study on Solving Impulse Control Equations of Plant-pest-predator Model with Differential Evolution Algorithm -- Microgrid Frequency Control Based on Genetic and Fuzzy Logic Hybrid Optimization -- Using Multi-Objective Particle Swarm Optimization to Solve Dynamic Economic Emission Dispatch

Considering Wind Power and Electric Vehicles -- Evolutionary Optimization of Three-degree Influence Spread In Social Networks Based on Discrete Bacterial Foraging Optimization Algorithm -- Ant Colony Algorithm Based on Upper Bound of Nodes for Robot Path Planning Problems -- Adaptive Brain Storm Optimization Based on Learning Automata -- A reference point-based evolutionary algorithm for many-objective fuzzy portfolio selection -- Hybrid Bacterial Foraging Optimization based on Artificial Fish Swarm Algorithm and Gaussian Disturbance -- Research on Multiobjective Optimization Strategy of Economic/Environmental Energy Management for Multi-Energy Ship Based on MOEA/D -- Many-objective Evolutionary Optimization based Economic Dispatch of Integrated Energy System with Multi-microgrid and CHP -- Multiobjective Particle Swarm Optimization with Directional Search for Distributed Permutation Flow Shop Scheduling Problem -- An Improved Pigeon-Inspired Optimization Combining Adaptive Inertia Weight with a One-Dimension Modification Mechanism -- ESAE: Evolutionary Strategy-based Architecture Evolution -- Species-based differential evolution with migration for multimodal optimization -- An Enhanced Bacterial Foraging Optimization Based on Levy Flight and Improved Roulette Wheel Selection -- Three-Dimensional Packing Algorithm of Single Container Based on Genetic Algorithm -- A Hybrid Ant Colony Optimization Algorithm for the Fleet Size and Mix Vehicle Routing Problem with Time Windows -- Multi-Subpopulation Algorithm with Ensemble Mutation Strategies for Protein Structure Prediction -- A Multi-Objective Bat Algorithm for Software Defect Prediction -- Mutation Strategy Selection Based on Fitness Landscape Analysis : A Preliminary Study -- Ensemble Learning Based on Multimodal Multiobjective Optimization -- Aircraft scheduling problems based on genetic algorithms -- Estimating Approximation Errors of Elitist Evolutionary Algorithms -- Research on Two-level Inventory Optimization Algorithm for Repairable Spare Parts Based on Improved Differential Evolution -- A clustering-based multiobjective evolutionary algorithm for balancing exploration and exploitation -- An Improved Squirrel Search Algorithm with Reproduction and Competition Mechanisms -- Modified Self-adaptive Brain Storm Optimization Algorithm for Multimodal Optimization -- Recent Bio-inspired Algorithms for Solving Flexible Job Shop Scheduling Problem: A Comparative Study -- Unidirectional Cyclic Network Architecture for Distributed Evolution -- A Re-initialization Clustering-based Adaptive Differential Evolution for Nonlinear Equations Systems -- Ensemble Learning via Multimodal Multiobjective Differential Evolution and Feature Selection -- A Knee Point based NSGA-II Multi-objective Evolutionary Algorithm -- A Cell Potential and Motion Pattern driven Multi-Robot Coverage Path Planning Algorithm -- Task Set Scheduling of Airport Freight Station Based on Parallel Artificial Bee Colony Algorithm -- Water Wave Optimization With Self-Adaptive Directed Propagation -- An Unbiased Buttery Optimization Algorithm -- On-chip health monitoring based on DE-Cluster in 2.5D ICs -- Multi-AGV Collision Avoidance Path Optimization for Unmanned Warehouse Based on Improved Ant Colony Algorithm -- An Improved Competitive Swarm Optimizer for Large Scale Optimization -- MEAPCA: A multi-population evolutionary algorithm based on PCA for multi-objective optimization -- A Novel Genetic Algorithm With Population Perturbation and Elimination for Multi-Satellite T-T&C Scheduling Problem -- A Novel Grey Wolf Optimization Based Combined Feature Selection Method -- Improved discrete artificial bee colony algorithm -- UAV 3D Path Planning Based on Multi-population Ensemble Differential Evolution -- Multi-objective Feature Selection based on

Artificial Bee Colony for Hyperspectral Images -- Meta-Heuristic Hybrid Algorithmic Approach for Solving Combinatorial Optimization Problem (TSP) -- An Effective Two-stage Optimization Method based on NSGA-II for Green Multi-Objective Integrated Process Planning and Scheduling Problem -- An Improved Multi-objective Particle Swarm Optimization with Adaptive Penalty Value for Feature Selection -- An Adaptive Brain Storm Optimization Algorithm based on Heuristic Operators for TSP -- A Modified JAYA Algorithm for Optimization in Brushless DC Wheel Motor -- Genetic Action Sequence for Integration of Agent Actions -- Based on fuzzy non-dominant and sparse individuals to improve many-objective differential evolutionary -- KnEA with Ensemble Approach for Parameter Selection for Many-objective Optimization -- Decomposition based differential evolution algorithm with niching strategy for Multimodal Multi-objective Optimization -- A Bacterial Foraging Framework for Agent-Based Modeling -- A Modified Memetic Algorithm for Multi-depot Green Capacitated Arc Routing Problem -- Multi-objective Pick-up Point Location Optimization Based on A Modified Genetic Algorithm -- Efficient Evolutionary Neural Architecture Search (NAS) by Modular Inheritable Crossover. .

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#### Sommario/riassunto

This two-volume set (CCIS 1159 and CCIS 1160) constitutes the proceedings of the 14th International Conference on Bio-inspired Computing: Theories and Applications, BIC-TA 2019, held in Zhengzhou, China, in November 2019. The 121 full papers presented in both volumes were selected from 197 submissions. The papers are organized according to the topical headings: evolutionary computation and swarm intelligence; bioinformatics and systems biology; complex networks; DNA and molecular computing; neural networks and artificial intelligence.

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4. Record Nr.	UNINA9910481219603321
Autore	Mascardi Agostino <1591-1640.>
Titolo	Augustini Mascardi Siluarum libri 4. Ad Alexandrum principem Estensem S.R.E. cardinalem [[electronic resource]]
Pubbl/distr/stampa	Antwerp, : [s.n.], 1622
Descrizione fisica	Online resource ([16], 202, [6] p., 4º)
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Biblioteca Nazionale Centrale di Firenze.
5. Record Nr.	UNINA9910887801703321
Titolo	Revolutionizing Healthcare: AI Integration with IoT for Enhanced Patient Outcomes / / edited by Shashi Kant Gupta, Dimitrios A. Karras, Rajesh Natarajan
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031650222 3031650220
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (406 pages)
Collana	Information Systems Engineering and Management, , 3004-9598 ; ; 7
Disciplina	610.285
Soggetti	Computational intelligence Artificial intelligence Public health Medicine - Research Biology - Research Medical sciences Computational Intelligence Artificial Intelligence Public Health Biomedical Research Health Sciences
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Chapter 1. PATIENT HEALTH SERVICES FOR EARLY DETECTION THERAPY OF DIABETES MELLITUS WITH EXPERT SYSTEM AND IOT -- Chapter 2. Exploring AI and IoT Integration for Medicine Recommendation with Chimp Optimized Dynamic XGBoost (CO-DXB) -- Chapter 3. Integrating IoT and AI in Healthcare: A Novel MS-GNN Framework for Disease Diagnosis -- Chapter 4. Advancing Glioblastoma Treatment through AI-Driven Radiomics: A Comparative Study of Feature Selection and Machine Learning Techniques -- Chapter 5. Utilizing Artificial Intelligence for Enhanced Healthcare Diagnosis and Treatment -- Chapter 6. Artificial Intelligence in Personalized Health Services for Better Patient Care -- Chapter 7. Transforming Healthcare: The Synergistic Fusion of AI and IoT for Intelligent, Personalized Well-being -- Chapter 8. Machine Learning-Based Autism Spectrum Disorder Prediction: A Comparative Approach -- Chapter 9. The Future of Healthcare: Using AI and IoT to Drive Data Driven Revolution -- Chapter 10. Preventive Health Care System for Early Heart Disease Detection using IoT and Machine Learning -- Chapter 11. IoT in Daily Life: Investigating the Impact of IoT on Procrastination, Well-being, Mental Health, and Healthcare Wizards -- Chapter 12 . AI Innovations in Health Care: Reshaping Diagnostics and Care -- Chapter 13. Statistical Distribution of Blood Glucose Levels in Diabetic Patients Diagnosis Using ML-Based PCA Methods -- Chapter 14. IoT-Infused Care: Disentanglement Family Dynamics and Coping Strategies in the Realm of Intellectually Disabled Children -- Chapter 15. An Approach to Pattern Prediction and Early Recognition of Lung Cancer Employing Machine Learning Techniques -- Chapter 16. Unlocking the Potential: Biometric Traits in Healthcare with a Focus on Eye Diseases -- Chapter 17. Pixels, Perspectives, and Psychological Strain: Unravelling the Link Between Negative Body Image, Internet of Things (IOT), and Mental Health Challenges in Student Population -- Chapter 18. DNA-Based Secure Image Transmission Framework Using Encryption and LSB Steganography -- Chapter 19. Building Predictive Models for Cardiovascular Health -- Chapter 20. Transforming Healthcare: The Convergence of IoT and AI.</p>
Sommario/riassunto	<p>This book showcases an endeavor to delve into the fusion of artificial intelligence (AI) and the Internet of Things (IoT) within the healthcare domain. The healthcare sector is currently experiencing a shift fueled by technological advancements and a heightened focus on providing tailored, efficient and impactful care to individuals. AI and IoT have emerged as facilitators of this evolution presenting opportunities to elevate patient results streamline operations and enhance decision-making within healthcare environments. This publication unites an array of viewpoints from experts in healthcare, technology and research domains. Through an array of enlightening chapters readers will embark on a journey exploring the applications, hurdles and consequences of merging AI with IoT in healthcare contexts. From analytics and remote monitoring to treatment suggestions and operational enhancements the potentials offered by AI and IoT is both captivating and revolutionary. As editors overseeing this volume's creation we take pride in presenting an assemblage of contributions that mirror the research findings, innovations and optimal practices in healthcare technology. Our aim is to encourage readers to engage in</p>

thinking, creativity and teamwork when considering the impact of integrating AI with IoT on enhancing patient care and healthcare services.

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