1. Record Nr. UNINA9910831185603321

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| Titolo | Advances in enzymology and related areas of molecular biology . Volume 45 [[electronic resource] /] / edited by F.F. Nord |
| Pubbl/distr/stampa | New York, : Wiley, 1977 |
| ISBN | 1-282-68257-1<br>9786612682575<br>0-470-12290-0<br>0-470-12369-9 |
| Edizione | [11th ed.] |
| Descrizione fisica | 1 online resource (554 p.) |
| Collana | Advances in enzymology and related areas of molecular biology ; ; 45 |
| Altri autori (Persone) | NordF. F |
| Disciplina | 574.19205<br>612.0151 |
| Soggetti | Clinical enzymology<br>Enzymes |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ADVANCES IN ENZYMOLOGY AND RELATED AREAS OF MOLECULAR BIOLOGY; CONTENTS; Control Mechanisms for Fatty Acid Synthesis in Mycobacterium smeptis; Properties of Carboxytransphosphorylase; Pyruvate, Phosphate Dikinase; Pyrophosphate-phosphofructokinase and Pyrophosphate-acetate Kinase and Their Roles in the Metabolism of Inorganic Pyrophosphate; Enzymology at Subzero Temperatures; Determining the Chemical Mechanisms of Enzyme-Catalyzed Reactions by Kinetic Studies; Insect Proteases and Peptidases; Enzymology of Human Alcohol Metabolism; Author Index; Subject Index Cumulative Indexes, Volume 1-45 |
| Sommario/riassunto | Control Mechanisms for Fatty Acid Synthesis in Mycobacterium smegmatis (K. Bloch). Properties of Carboxy-transphosphorylase. Pyrnrate, Phosphate Dikinase. Pyrophosphate-phosphofructokinase and Pyrophosphateacetate Kinase and Their Roles in the Metabolism of Inorganic Pyrophasphate (H. Wood, W. O'Brien, and G. Michaels). Enzymology at Subzero Temperatures (P. Douzou). Determining the Chemical Mechanisms of Enzyme-Catalyzed Reactions by Kinetic Studies (W. W. Cleland). Insect Proteases and Peptidases (J. H. Law, P. F. |

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| | Dunn, and K. Kramer). Enzymology of Human Alcohol Metabolism (T. Li). Author a |

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| Record Nr. | UNISA996691676903316 |
| Autore | Matsuno Takayuki |
| Titolo | Intelligent Robotics and Applications : 18th International Conference, ICIRA 2025, Okayama, Japan, August 6–9, 2025, Proceedings, Part III / / edited by Takayuki Matsuno, Honghai Liu, Lianqing Liu, Zhouping Yin, Xiangyang Zhu, Weihong Ren, Zhiyong Wang, Yixuan Sheng |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026 |
| ISBN | 981-9521-01-7 |
| Edizione | [1st ed. 2026.] |
| Descrizione fisica | 1 online resource (1001 pages) |
| Collana | Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 16076 |
| Altri autori (Persone) | LiuHonghai<br>LiuLianqing<br>YinZhouping<br>ZhuXiangyang<br>RenWeihong<br>WangZhiyong<br>ShengYixuan |
| Disciplina | 006.3 |
| Soggetti | Artificial intelligence<br>Software engineering<br>Application software<br>User interfaces (Computer systems)<br>Human-computer interaction<br>Computer networks<br>Artificial Intelligence<br>Software Engineering<br>Computer and Information Systems Applications<br>User Interfaces and Human Computer Interaction<br>Computer Communication Networks |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

Nota di contenuto

-- Magnetic Actuated Microrobots for Biomedical EngineeringDesign, Control, and Application. -- Dynamic Parameter Identification in Haptic Robotic Systems via Artificial Bee Colony. -- Template-Free Magnetic Programming Strategy for 3D-Transformable Soft Robots. -- Physics-Based Simulation of Magnetic Nanorobots Swarm. -- Dynamic Path Planning and Automatic Navigation for Microswarms. -- Reinforcement Learning-Based Magnetic Levitation Control of a Capsule Endoscope for Path Tracking Using a Single Permanent Magnet. -- Simulator for Identifying Contact-Prone Robot Parts to Accelerate Contact Judgment between Needle Puncture Robot and Patient. -- Innovative Design and Performance Evaluation of Robot Mechanisms. -- Autonomous Bolt Assembly Composite Robotic System Guided by Binocular Vision. -- Design and Simulation of a Bipedal Robot for Explosive Jumping Based on a Hybrid Linkage-Cam Mechanism. -- Topological Analysis and Perception of Physical Vibration in Distributed Optical Fiber Vibration Sensing. -- Design and Optimization of a Heavy-Duty Parallel Ship Motion Simulation Platform. -- Design and Analysis of a new Multiparameter Reconfigurable Morphing Wing. -- Experimental Study and Analysis of Wheel-Terrain Interaction for Crewed Lunar Vehicle Based on Single-Wheel Testbed. -- Research on the Dynamics Modeling and Control Method of Vector Quadrotor UAV with Variable Posture. -- A Probability Theory-Based Method for Calculating the Cyclical Degree of Freedom of Mechanisms. -- Design and Analysis of Variable Geometry Truss Robot. -- AMM: An Aerial Modular Manipulator Based on Standardized Modules. -- Structural Design and Simulation of Space Sleeve-Type Extension Arm. -- Balloon Robot: Movement Recognition and Design of Robot. -- Time-Optimal Trajectory Planning for Hybrid Redundant Robotic Arm Based on Prescribed Waypoints. -- Conceptual Design and Kinematic Analysis of a Biomimetic Robot Joint (BRJ) Based on a Higher Pair Mechanism. -- Sensation-Perception-Actuation-Rehabilitation Oriented Technologies for Wearable Exoskeletons. -- Muscle Synergy-Enabled Multimodal Swimming Motion Recognition. -- Estimation of Human Lower Limb Kinematic Parameters based on A-mode ultrasound sensing. -- Human Lower Limb Motor Ability Estimation Based on Human-Machine Coupling Interactive Contact Model. -- Integrated Analysis of Cortico-Muscular Coupling and Muscle Synergy for Functional Assessment in Exoskeleton-Assisted Stroke Rehabilitation. -- Multidimensional Kinematic Analysis of Walking and Turning in Older Adults Using IMUs. -- Development of a Functional Electrical Stimulation Device Combined with Multi-modal Muscle Status Monitoring. -- BioKFusion-Net: Simultaneous Estimation of Ground Reaction Forces/Moments and Joint Angles from IMU Data. -- Effects of Rhythmic Auditory Cues on Brain Network Characterization During Human Gait Initiation. -- Effects of Exoskeleton-Assisted Sit-to-Stand Training Based on Cortical-Muscular Coherence. -- Pattern Analysis and Machine Intelligence: Vision, Language, Multimodal Learning, and Applications. -- TGP: Two-modal occupancy prediction with 3D Gaussian and sparse points for 3D Environment Awareness. -- YOLO-HG: A Hierarchical Global Perception Method for heavy-duty Truck Parking Space Detection. -- An Accurate 3D Reconstruction Method for Large Workpieces Based on 3D Vision. -- Insulator and Its Defect Detection Framework Based on Feature Enhancement CenterNet. -- Adaptive 3D Scene Analysis throughMulti-Modal Feature Integration and Geometric Pattern Recognition. -- Global to Local Mamba Low Light Image Restoration. -- A Comparative Study of First and Second-Order Gradient Acceleration in ICP. -- Visual-Tactile Fusion-driven Diffusion Policy for Robotic Excavation of Semi-Buried Object in Granular Media. -- RCTAMP: Enhancing Rule-

Constrained TAMP via Multi-Agent Closed-Loop Collaboration Integrating Consensus Planning. -- Efficient Skeleton-based Action Segmentation via Multi-Granularity Perception. -- Tri-axial Plantar Load Sensing for Identity Authentication with 1D-CNN Classifier. -- Exploring the Mechanism Underlying Lower Limb Motor Dysfunction in Ischemic Stroke Based on Multimodal Signals. -- FuPaD: Scalable Pose Estimation by Fusing Patch-wise VGGT with Dense Bundle Adjustment. -- ScaffoldOcc: Sparse Points Anchored Scaffold 3D Gaussian for Hierarchical Semantic Occupancy Prediction. -- Dynamic Memory Reconciliation for Online Action Detection. -- Enhance Polyp Segmentation via Supervised Contrastive Learning. -- Online Prediction of Surface Roughness in Robotic Grinding System for TC4 Workpieces Using PSO-XGBoost Algorithm. -- Cross-Subject Respiratory State Recognition Based on Ultrasonic and IMU Signals. -- Bio-mechatronic Integration and Rehabilitation Robots. -- Hybrid Pole Placement and Interval Type-2 Fuzzy Control for Bio-Inspired Tendon-Driven Robotic Leg Stabilization. -- Continuous Estimation Algorithm of Elbow Joint Angle Based on Mamba Model. -- A bone grinding depth prediction method based on multimodal sensing information. -- Research on Parameter Adaptive Electrical Stimulation System Based on WBAN. -- MBGADNet: Multi-Branch Generative Adversarial Denoising Network with Semantic Preservation for EEG Artifact Removal. -- Design Optimization of Frameless Drive Motor in Robot Integrated Modular Actuator Considering Duty Cycle Suitability. -- Cluster-guided State Initialization Strategy for Flexible Humanoid Locomotion. -- Design and modeling of A Modular Cable-Driven Lower-limb Exoskeleton with Compact Torque Sensors.

Sommario/riassunto

The 3-volume set, LNAI 16074-16076, constitutes the proceedings of the 18th International Conference on Intelligent Robotics and Applications, ICIRA 2025, which took place in Okayama, Japan, during August 6-9, 2025. The 165 full papers included in these proceedings were carefully reviewed and selected from 329 submissions. They were organized in topical sections as follows: Part 1: Robotic Dexterous Manipulation and Intelligent Control; Intelligent Perception and Control Technologies for Marine Robotic Systems; Intelligent Technology in Neural Decoding, Modulation, and Interfacing; Wearable Robots for Assistance, Augmentation and Rehabilitation of Human Movements; Soft Robotics. Part 2: Hand-Centric Human-Robot Collaboration Advances in Perception, Control, and Interaction; Intelligent Technology in Healthcare; Advanced Localization, Navigation and Control Technologies in Intelligent Robotic Systems; Wearable Robotics for Gait Analysis, Training, and Rehabilitation; Embodied Intelligence in Biomimetic Robotics, Humanoid Robotics. Part 3: Magnetic Actuated Microrobots for Biomedical EngineeringDesign, Control, and Application; Innovative Design and Performance Evaluation of Robot Mechanisms; Sensation-Perception-Actuation-Rehabilitation Oriented Technologies for Wearable Exoskeletons; Pattern Analysis and Machine Intelligence: Vision, Language, Multimodal Learning, and Applications; Bio-mechatronic Integration and Rehabilitation Robots.