1. Record Nr. UNINA9910452470403321

Titolo	Experiences of single African-American women professors [[electronic resource]] : with this Ph.D., I thee wed / / edited by Eletra S. Gilchrist
Pubbl/distr/stampa	Lanham, Md., : Lexington Books, c2011
ISBN	1-299-35649-4 0-7391-7088-0
Descrizione fisica	1 online resource (265 p.)
Altri autori (Persone)	GilchristEletra S. <1978->
Disciplina	378.1/208996073
Soggetti	African American women college teachers - Social conditions African Americans - Marriage Single women - United States Mate selection - United States Universities and colleges - United States - Sociological aspects Electronic books.
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	EXPERIENCES OF SINGLE AFRICAN-AMERICAN WOMEN PROFESSORS; Contents; Foreword; Acknowledgements; Introduction; Precursors to the Nonmarital Status of African-American Women Professors; SEXY: The First Reason I Married My Ph.D.; 1. Black, Educated, and Female: A Perspective on Contemporary Courtship and the Professoriate; 2. This House is Not a Home: Parents' Rhetoric and Perceptions of Marriage among Single African-American Women Academics from Single and Two-Parent Households; 3. "Acting Like a Lady and Doing Me": Rejecting the "Strong Black Woman" Stereotype, Sexism, and Settling Demands of the Professoriate: Balancing Pedagogical and Relational PursuitsSELF-CONSCIOUS: The Second Reason I Married My Ph.D.; 4. The Myth and Mismatch of Balance: Black Female Professors' Constructions of Balance, Integration, and Negotiation of Work and Life; 5. Jumping the Broom: Challenges of Relational and Academic Pursuits; 6. It Costs to be the Boss: Negotiating the Rewards and Costs of Marriage when Professional Obligations are Great; Multi-Layered Relational Challenges of Single African-American Women Professors;

SANCTIFIED: The Third Reason I Married My Ph.D.

7. "I'm in the Middle of Nowhere!": The Dating Experiences of Black, Female Doctoral Students and Faculty at Predominantly White Environments8. Spirituality, Singleness, and Scholarship: Single Black Women Ph.D.s and the Christian HBCU; 9. Breaking the Silence: An Autoethnography of a Single, Black, Lesbian's Interpersonal Relationships at an HBCU; Identity Negotiation: Perceptions of Single African-American Women Professors; SASSY: The Fourth Reason I Married My Ph.D.

10. Neither an "Old Maid" nor a "Miss Independent": Deflating the Negative Perceptions of Single African-American Women Professors11. Searching for the New Black Woman: One Single, African-American Professor's Experience with the Strong Black Woman Myth; 12. You Can Have a Man OR a Career: Professional and Personal Identity Negotiation of Aspiring African-American Female Professors; SINGLE: The Fifth Reason I Married My Ph.D.; Epilogue; Index; About the Editor; About the Contributors

Sommario/riassunto

Experiences of Single African-American Women Professors: With this Ph.D., I Thee Wed, edited by Eletra S. Gilchrist, explores the unique lived experiences of single African-American women professors. Gilchrist's contributors are comprised of never-before-married and doctorate degree-holding African-American women professors. The authors and research participants speak candidly about their experiences, exploring a myriad of topics including dating costs and rewards, relationship challenges, work/life balance, multiple intersecting identities, negative perceptions, and identity negotiation.

2. Record Nr. UNISA996466436103316

Titolo	Intelligent Robotics and Applications [[electronic resource]] : 12th International Conference, ICIRA 2019, Shenyang, China, August 8–11, 2019, Proceedings, Part V / / edited by Haibin Yu, Jinguo Liu, Lianqing Liu, Zhaojie Ju, Yuwang Liu, Dalin Zhou
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-27541-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XVI, 753 p. 571 illus., 393 illus. in color.)
Collana	Lecture Notes in Artificial Intelligence ; ; 11744
Disciplina	629.892
Soggetti	Artificial intelligence Computer organization Optical data processing User interfaces (Computer systems) Computer simulation Algorithms Artificial Intelligence Computer Systems Organization and Communication Networks Image Processing and Computer Vision User Interfaces and Human Computer Interaction Simulation and Modeling Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SLIP Model-based Foot-to-Ground Contact Sensation via Kalman Filter for Miniaturized Quadruped Robots -- Stability Analysis and Fixed Radius Turning Planning of Hexapod Robot -- The Mechanical Design and Torque Control for the Ankle Exoskeleton During Human Walking -- Stable 3D Biped Walking Control with Speed Regulation Based on Generalized Virtual Constraints -- Specular Surface Measurement with Laser Plane Constraint to Reduce Erroneous Points -- Viewpoint Planning of Robot Measurement System Based on V-REP Platform --

Research on Measurement and Deformation of Flexible Wing Flapping Parameters -- Robot Programming Language Based On VB Scripting for Robot Motion Control -- A study of real-time EEG-feedback on attention combined with virtual reality -- Continuous estimation of grasp kinematics with real-time surface EMG decomposition -- Intelligent Robot Arm: Vision-based Dynamic Measurement System for Industrial Applications -- Research on Autonomous Face Recognition System for Spatial Human-robotic Interaction based on Deep Learning -- KPCA-based Visual Fault Diagnosis for Nonlinear Industrial Process -- Data Denosing Processing of the Operating State of the Robotic Arm of Coal Sampling Robot -- A study on step-by-step calibration of robot based on multi-vision measurement -- Characteristic Frequency Input Neural Network for Inertia Identification of Tumbling Space Target. -- An FFT-based method for analysis, modeling and identification of kinematic error in harmonic drives -- Real-Time Human-Posture Recognition for Human-Drone Interaction using Monocular Vision -- HSVM-based human activity recognition using smartphones -- Human-AGV Interaction: Real-time Gesture Detection Using Deep Learning -- Coverage Path Planning for Complex Structures Inspection Using Unmanned Aerial Vehicle (UAV) -- Development of Four Rotor Fire Extinguishing System for Synchronized Monitoring of Air and Ground for Fire Fighting -- A Small Envelope Gait Control Algorithm based on FTL Method for Snake-Like Pipe Robot -- Trajectory Tracking Control of Wheeled Mobile Robots Using Backstepping -- The Design of Inspection Robot Navigation Systems Based on Distributed Vision -- Mobile Robot Autonomous Navigation and Dynamic Environmental Adaptation in Large-Scale Outdoor Scenes -- Movement Analysis of Rotating-finger Cable Inspection Robot -- Autonomous Indoor Mobile Robot Exploration Based on Wavefront Algorithm -- Multi-robot path planning for complete coverage with genetic algorithms -- Design and Magnetic Force Analysis of Patrol Robot for Deep Shaft Rigid Cage Guide -- Improved Driving Stability with Series Elastic Actuator and Velocity Controller -- Monocular vision-based dynamic moving obstacles detection and avoidance -- Path planning based navigation using LIDAR for an Ackerman Unmanned Ground Vehicle -- Improved Simple Linear Iterative Clustering Algorithm Using HSL Color Space -- Active Affordance Exploration for Robot Grasping -- Multi-Vehicle Detection and Tracking Based on Kalman Filter and Data Association -- Multi-scale Feature Fusion Single Shot Object Detector Based on DenseNet -- Semi-direct Tracking and Mapping with RGB-D Camera -- Two-person Interaction Recognition Based on Video Sparse Representation and Improved Spatio-Temporal Feature -- Human Interaction Recognition based on the Co-occurring Visual Matrix Sequence -- A stereo matching method combining feature and area information for power line inspection -- Image Stitching Based on Improved SURF Algorithm -- Neural Network based Electronics Segmentation -- Visual-based Crack Detection and Skeleton Extraction of Cement Surface -- Visual Servoing Control Based on Reconstructed 3D Features -- Landmark based eye ratio estimation for driver fatigue detection -- Automatic analysis of calibration board image orientation for online hand-eye calibration -- Image Deblurring Based on Fuzzy Kernel Estimation in HSV Color Space -- Infrared and Visible Image Fusion: A Region-based Deep Learning Method -- A Coarse Registration Algorithm between 3D Point Cloud and CAD Model of Non-cooperative Object for Space Manipulator -- Dexterity-based dimension optimization of Muti-Dof robotic manipulator -- Design and Experimental Analysis of a Planar Compliant Parallel Manipulator -- Safety and waterproof design of multi-functional assisted bath robot --

Dynamics Analysis of 3-CPaR&R1R2 Hybrid Mechanism with Joint Clearance -- Underactuated robot passability analysis and optimization -- A Novel Hedgehog-inspired Pin-array Robot Hand with Multiple Magnetic Pins for Adaptive Grasping -- Kinematic analysis of a flexible planar 2- DOF parallel manipulator -- Dual-source fluid bending and side-swing compound multi-joint finger -- Design and Simulation of a Miniature Jumping Gliding Robot on Water Surface -- Towards Intelligent Maintenance of Thermal Power Plants: A Novel Robot for Checking Water Wall Tube -- Configuration Change and Mobility Analysis of a novel metamorphic parallel mechanism constructed with (rA) joint .

Sommario/riassunto

The volume set LNAI 11740 until LNAI 11745 constitutes the proceedings of the 12th International Conference on Intelligent Robotics and Applications, ICIRA 2019, held in Shenyang, China, in August 2019. The total of 378 full and 25 short papers presented in these proceedings was carefully reviewed and selected from 522 submissions. The papers are organized in topical sections as follows: Part I: collective and social robots; human biomechanics and human-centered robotics; robotics for cell manipulation and characterization; field robots; compliant mechanisms; robotic grasping and manipulation with incomplete information and strong disturbance; human-centered robotics; development of high-performance joint drive for robots; modular robots and other mechatronic systems; compliant manipulation learning and control for lightweight robot. Part II: power-assisted system and control; bio-inspired wall climbing robot; underwater acoustic and optical signal processing for environmental cognition; piezoelectric actuators and micro-nano manipulations; robot vision and scene understanding; visual and motional learning in robotics; signal processing and underwater bionic robots; soft locomotion robot; teleoperation robot; autonomous control of unmanned aircraft systems. Part III: marine bio-inspired robotics and soft robotics: materials, mechanisms, modelling, and control; robot intelligence technologies and system integration; continuum mechanisms and robots; unmanned underwater vehicles; intelligent robots for environment detection or fine manipulation; parallel robotics; human-robot collaboration; swarm intelligence and multi-robot cooperation; adaptive and learning control system; wearable and assistive devices and robots for healthcare; nonlinear systems and control. Part IV: swarm intelligence unmanned system; computational intelligence inspired robot navigation and SLAM; fuzzy modelling for automation, control, and robotics; development of ultra-thin-film, flexible sensors, and tactile sensation; robotic technology for deep space exploration; wearable sensing based limb motor function rehabilitation; pattern recognition and machine learning; navigation/localization. Part V: robot legged locomotion; advanced measurement and machine vision system; man-machine interactions; fault detection, testing and diagnosis; estimation and identification; mobile robots and intelligent autonomous systems; robotic vision, recognition and reconstruction; robot mechanism and design. Part VI: robot motion analysis and planning; robot design, development and control; medical robot; robot intelligence, learning and linguistics; motion control; computer integrated manufacturing; robot cooperation; virtual and augmented reality; education in mechatronics engineering; robotic drilling and sampling technology; automotive systems; mechatronics in energy systems; human-robot interaction.