

1. Record Nr.	UNINA9910731456103321
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Titolo	Sensor Systems and Software : 13th EAI International Conference, S-Cube 2022, Dalian, China, December 7-9, 2022, Proceedings // edited by Hamid Reza Karimi , Ning Wang
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-34899-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (247 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 487
Altri autori (Persone)	WangNing
Disciplina	006.25
Soggetti	Computer networks Computer systems Application software Computers, Special purpose Computer engineering Computer Communication Networks Computer System Implementation Computer and Information Systems Applications Special Purpose and Application-Based Systems Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Sensor Technology for Marine Systems -- Way Points and Reference Speed Based Trajectory Generator for an Unmanned Surface Vehicle -- Adaptive Channel Attention-based Deformable Generative Adversarial Network for Underwater Image Enhancement -- Coordinate Attention and Transformer neck-based Marine Organism Detection -- Marine vessel detection in sea fog environment based on SSD -- Sailboat Path Following Control Based on LOS with Sideslip Angle Observation and Finite-Time Backstepping -- Resilience Control Systems -- An Improved Regression Partial Least Squares Method for Quality-Related Process Monitoring of Industrial Control Systems -- A Novel Stochastic Event-Based Feedback Watermark for Replay Attack Detection -- A Cascade Finite-Time Nonlinear Extended State Observer for Active

Disturbance Rejection Control -- Fixed-Time Disturbance Observer-Based Power Control of Wave Power Generation System -- Disturbance observer-based fast fixed-time nonsingular terminal sliding-mode formation control for autonomous underwater vehicles -- Applications -- A Deep Learning-Based Method for Drivers' Shoe-Wearing Recognition -- A Learning-based driving style classification for intelligent vehicles -- CADM: Confusion Model-based Detection Method for Real-drift in Chunk Data Stream -- Research on reading comfort of office light environment based on subjective evaluation -- Illuminance Affecting Factors Analysis for Classroom Environments -- Virtual Simulation Measurement of Lamp Intensity distribution based on Near Field Goniophotometer.

Sommario/riassunto

This book constitutes the proceedings of the 13th International Conference on Sensor Systems and Software, S-Cube 2022, which was held in Dalian, China, in December 7-9, 2022. The 16 revised full papers in this book were selected from 42 submissions and are organized in three thematic sessions on sensor technology for marine systems; resilience control systems; and applications.
