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Nota di contenuto	Lecture Notes in Electrical Engineering -- Proceedings of 2025 9th Chinese Conference on Swarm Intelligence and Cooperative Control -- Contents -- Path Planning for Fixed-Wing Unmanned Aerial Vehicles in Complex Terrains -- Cooperative Path Planning and Formation Control with Obstacle Avoidance for UAVs -- Data-Driven Optimal Output Tracking Control of Heterogeneous Multiagent Systems Under DoS Attacks -- Unified Planning and Control for Quadrotor Perching via Multimodal NMPC -- Sampled-Data Interaction Driven Formation Control for Multiple Heterogeneous Vehicles Systems in Air-Ground Coordination -- Distributed Estimation and Coordinated Tracking Control with Cooperative-Competitive Networks Multi-AUV Based on RMPC -- Time-Varying Formation Control with Robust Disturbance Rejection for Multi-UAVs -- Bipartite Consensus Tracking Control for High-Order Fully Actuated Multiagent Systems Under Actuator Deception Attacks -- Cascaded Model Predictive Control for Coordinated Formation of Hypersonic Glide Vehicle Swarms -- Observed-Based Consensus Tracking for Uncertain Nonlinear Multiagent Systems Under Switching Topologies -- Partial Topology Identification in Multiweighted Complex Dynamical Networks Based on Generalized Synchronization -- Robust Global Stabilization of Saturated LTI Systems: A Heterogeneous Actuator Saturation Perspective -- Data-Driven Filtering Based on Model Mismatch Error Compensation -- Collaborative Control for Autonomous Underwater

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Sommario/riassunto

This book includes original, peer-reviewed research papers from the 2025 9th Chinese Conference on Swarm Intelligence and Cooperative Control (CCSICC2025), held in Shanghai, China from Oct.31 to Nov.3, 2025.
