

Coverage and Topology

- [1] Self-Deployment of Sensors for Maximized Coverage in Underwater Acoustic Sensor Networks
- [2] A Localized Algorithm for Restoring Internode Connectivity in Networks of Moveable Sensors
- [3] Trade-offs Between Mobility and Density for Coverage in Wireless Sensor Networks
- [4] Global Sensor Deployment and Local Coverage-Aware Recovery Schemes for Smart Environments
- [5] An Area Coverage and Energy Consumption Optimization Approach Based on Improved Adaptive Particle Swarm Optimization for Directional Sensor Networks
- [6] Coverage in Hybrid Mobile Sensor Networks
- [7] Energy-Efficient Backbone Construction, Broadcasting, and Area Coverage in Sensor Networks
- [8] Mobility-Assisted Minimum Connected Cover in a Wireless Sensor Network
- [9] Optimal Base Station Placement in Wireless Sensor Networks
- [10] On the Problem of k -Coverage in Mission-Oriented Mobile Wireless Sensor Networks
- [11] Maximizing Connected Coverage via Controlled Actor Relocation in Wireless Sensor and Actor Networks
- [12] Challenges and Opportunities of Connected k -Covered Wireless Sensor Networks
- [13] Mesh-Based Sensor Relocation for Coverage Maintenance in Mobile Sensor Networks
- [14] Coverage Maximization and Energy Conservation for Mobile Wireless Sensor Networks: A Two Phase Particle Swarm Optimization Algorithm
- [15] Coverage-Based Clustering of Wireless Sensor and Actor Networks
- [16] A LoRa Buoy Network Coverage Optimization Algorithm Based on Virtual Force
- [17] Approximation Algorithm for Base Station Placement in Wireless Sensor Networks

- [18] A Comparative Study of Deterministic and Uncertain Classification for Area Coverage Approaches in Wireless Sensor Networks
- [19] Joint k-Coverage and Data Gathering in Sparsely Deployed Sensor Networks—Impact of Purposeful Mobility and Heterogeneity
- [20] Mobility Control for Complete Coverage in Wireless Sensor Networks
- [21] Particle Swarm Optimization for Coverage Maximization and Energy Conservation in Wireless Sensor Networks
- [22] Mission-Oriented k-Coverage in Mobile Wireless Sensor Networks
- [23] Optimum Node Deployment Policy for WSN: Trade-off Between Maximization of Area Coverage and Lifetime
- [24] Topology Control for Secured Coverage in Wireless Sensor Networks
- [25] An Integrated Self-Deployment and Coverage Maintenance Scheme for Mobile Sensor Networks
- [26] A Hierarchical Structure Based Coverage Repair in Wireless Sensor Networks
- [27] Impact of Coverage Preservation Techniques on Prolonging the Network Lifetime in Traffic Surveillance Applications
- [28] A Novel Distributed Mobility Protocol for Dynamic Coverage in Sensor Networks
- [29] Coverage-Driven Self-Deployment for Cluster Based Mobile Sensor Networks
- [30] Efficient Deployment Algorithms for Prolonging Network Lifetime and Ensuring Coverage in Wireless Sensor Networks
- [31] Coverage-Optimized Deployment Research for Maximizing the Sensor Network Coverage
- [32] Node Positioning for Increased Dependability of Wireless Sensor Networks
- [33] Distributed and Collaborative Node Mobility Management for Dynamic Coverage Improvement in Hybrid Sensor Networks
- [34] Coverage Capacity Optimization for Mobile Sensor Networks Based on Evolutionary Games
- [35] Bypassing Holes and Pockets in an Irregular Area for Deployment and Routing Sensors to Track a Moving Object
- [36] An Efficient Multilevel Coverage Scheme in Mobile Sensor Networks
- [37] Efficient Camera Selection for Maximized Target Coverage in Underwater Acoustic Sensor Networks

- [38] A Movement-Assisted Deployment Algorithm for Maximizing Sensor Network Coverage
- [39] A Study on Sensor Deployment and Topology Control in Wireless Sensor Networks
- [40] A Pragmatic Approach to Area Coverage in Hybrid Wireless Sensor Networks
- [41] A Study on the Degree of Barrier Coverage in Wireless Sensor Networks
- [42] Coverage-Driven Energy-Efficient Deployment and Self-Organization in Sensor Networks
- [43] Split and Schedule: A Progressive Lifetime for Barrier Coverage Using Relay Clusters in Wireless Sensor Network
- [44] Mobile Wireless Sensor Networks K-Covering Algorithm
- [45] Unidirectional and Omni-Directional Sensing Coverage Management in Wireless Sensor Networks
- [46] Distributed Sensing Coverage Maintenance in Sensor Networks
- [47] Research on Three-Dimensional Mobile WSN k-Coverage
- [48] Wireless Sensor Networks Coverage-Energy Algorithms Based on Particle Swarm Optimization
- [49] Fault-Tolerant Method for Detecting Coverage Holes of Wireless Sensor Networks
- [50] A Comparative Study of Deterministic and Uncertain Area Coverage Strategies in WSNs
- [51] Energy Map-Based Healing Protocol of Coverage Holes in Wireless Sensor Networks
- [52] Design of Low-Complexity Approximation Algorithms for Base Station Placement Problems in Sensor Networks
- [53] A Clustering-Based k-Coverage Algorithm for Mobile Wireless Sensor Networks
- [54] Wireless Sensor Network Monitoring Quality and Coverage Control Theory
- [55] Mobility for Coverage Control in Wireless Sensor Networks
- [56] Algorithm Design for a Class of Base Station Location Problems in Sensor Networks
- [57] Area Coverage Problems in Wireless Sensor Networks