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The Journal of Mobile Communication, Computation and Information

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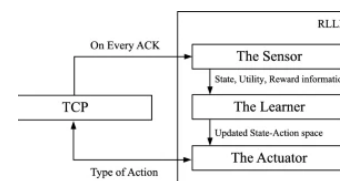
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[TCP-RLLD: TCP with reinforcement learning based loss differentiation for mobile adhoc networks](#)

Hardik K. Molia & Amit D. Kothari

OriginalPaper | Published: 15 February 2023 |

Pages: 1937 - 1948

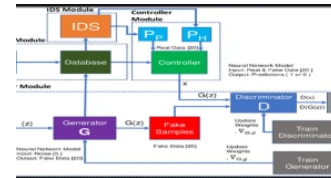


Dynamic distributed generative adversarial network for intrusion detection system over internet of things

S. Balaji & S. Sankara Narayanan

Original Paper | Published: 23 November 2022

Pages: 1949 - 1967

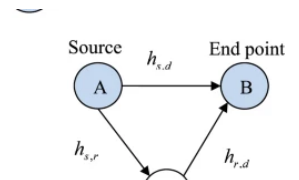


Machine learning-optimized relay selection method for mitigating interference in next generation communication networks

M. Rathika & P. Sivakumar

Original Paper | Published: 17 February 2023

Pages: 1969 - 1981

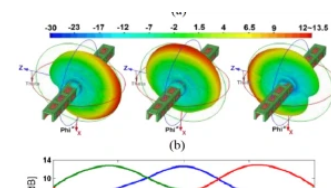


Transmit antenna selection and resource allocation for sequential D2D registration in mmWave networks

Mehdi Monemi & Omid Yazdani

OriginalPaper | Published: 20 February 2023

Pages: 1983 - 1994

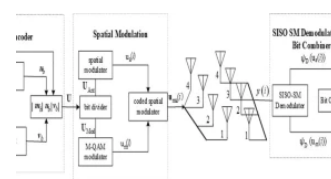


Distributed turbo coded spatial modulation based on code matched interleaver for MIMO system

Rahim Umar, Fengfan Yang ... Shoaib Mughal

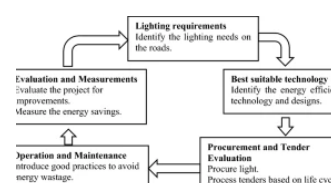
OriginalPaper | Published: 21 February 2023

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Smart streetlight system using mobile applications: secured fault detection and diagnosis with optimal powers

M. Kanthi & Ravilla Dilli



[Range free localization in WSN against wormhole attack using Farkas' Lemma](#)

Ruchi Garg, Tarun Gulati & Sumit Kumar

Original Paper | Published: 24 February 2023 |

Pages: 2029 - 2043

```

1.  $Q = \text{Eq. (6)}$ 
2. FOR (each  $q_i \in Q$ )  $i = 1$  to  $n - 1$  by  $i + 1$ 
2.1.  $Q = Q - q_i$ 
2.2. IF Eq. (6) is inconsistent
2.2.1. THEN
2.2.2. GO TO 2.
2.2.3. ELSE
2.2.4.  $Q = Q + q_i$ 
2.3. END IF

```

[Correction to: Range free localization in WSN against wormhole attack using Farkas' Lemma](#)

Ruchi Garg, Tarun Gulati & Sumit Kumar

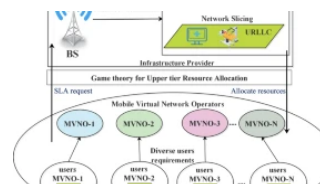
Correction | Published: 16 March 2023 | Pages: 2045 - 2045

[Game theory for B5G upper-tier resource allocation using network slicing](#)

Fadoua Debbabi, Rui Luis Aguiar ... Lamia Chaari Fourati

Original Paper | Published: 25 February 2023 |

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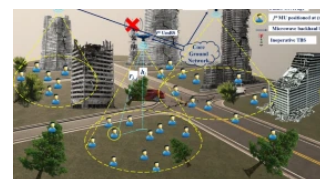


[FRAT: a fuzzy rule based adaptive technique for intelligent placement of UAV-mounted base station](#)

Dilip Mandloi & Rajeev Arya

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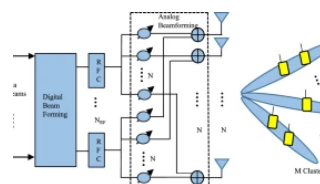


[PSO based power allocation in multiuser hybrid beamforming mmWave NOMA](#)

S. Sumathi, T. K. Ramesh & Zhiguo Ding

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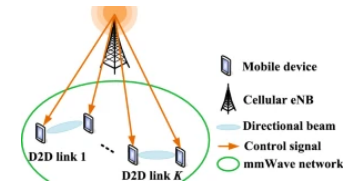


[Joint beamwidth and resource optimization in ultra-dense MmWave D2D communications](#)

Xiaoya Li, Wei Zhou ... Hengsheng Shan

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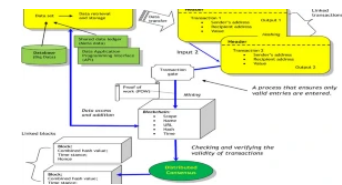


[Ultra-lightweight blockchain-enabled RFID authentication protocol for supply chain in the domain of 5G mobile edge computing](#)

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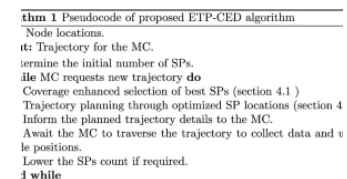


[ETP-CED: efficient trajectory planning method for coverage enhanced data collection in WSN](#)

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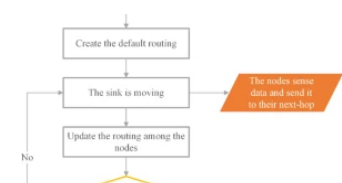


[Unequal sized cells based on cross shapes for data collection in green Internet of Things \(IoT\) networks](#)

Tania Taami, Sadoon Azizi & Ramin Yarinezhad

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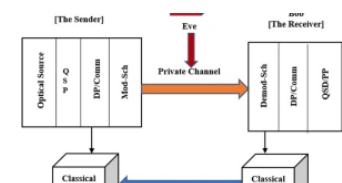


[Quantum key distribution over FSO channel using error reconciliation protocol](#)

Bandana Mallick, Priyadarsan Parida ... Gopinath Palai

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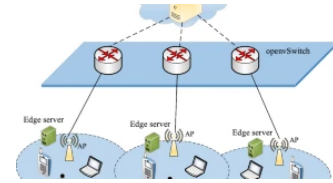


[Low-latency AP handover protocol and heterogeneous resource scheduling in SDN-enabled edge computing](#)

Chunlin Li, Zhiqiang Yu ... Youlong Luo

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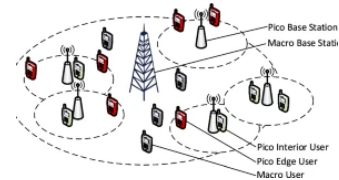


[Interference mitigation for non-orthogonal multiple access in heterogeneous networks](#)

Can Altay & Mutlu Koca

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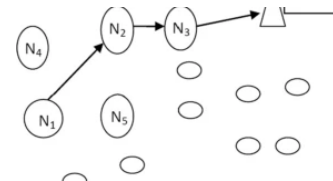


[Design of an adaptive framework with compressive sensing for spatial data in wireless sensor networks](#)

C. Sureshkumar & S. Sabena

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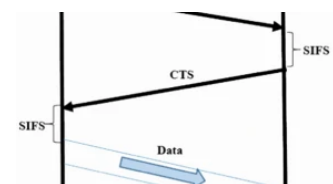


[Increasing quality of service in wireless local area networks through fuzzy logic based feedback control method](#)

Hacı Bayram Karakurt & Cemal Koçak

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[A stochastic geometric programming approach for power allocation in wireless networks](#)

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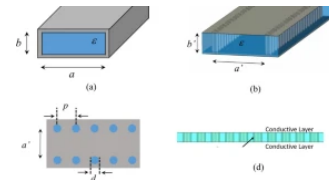
Algorithm 1 Sequential convex approximation method
Require: An instance of problem (JM_1)
Ensure: An upper bound for (JM_1)
1: **Initialization step:**
2: Choose an initial point y^0 of y satisfying the constraints (17)-(18).
3: Solve $(JM_1)(y^0)$ and use the optimal solution obtained for solving $(JM_1)(y^0, t^0)$.
4: Set $n = 1$. Denote by y^n the optimal solution of $(JM_1)(y^0, t^0)$.
5: **Iterative step:**
6: **while** $\|y^{n-1} - y^n\| > \epsilon$ and number of iterations $\leq \text{MaxIter}$ **do**
7: Solve $(JM_1)(y^n)$ and use the optimal solution obtained for solving $(JM_1)(y^n, t^n)$.
8: Let \tilde{y} denote the optimal solution of $(JM_1)(y^n, t^n)$.
9: $y^{n+1} = y^n + \tau(\tilde{y} - y^n)$. Here, $\tau \in (0, 1)$ is the step length.
10: Set $n = n + 1$.
11: **end while**
12: **return** the best solution found (y^n, t^n, y^n)

[High gain substrate integrated waveguide antenna with enhanced bandwidth for millimeter-wave wireless network applications](#)

Arpan Desai, Yi-Fan Tsao & Heng-Tung Hsu

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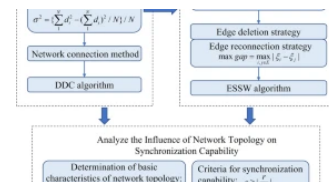


[Synchronization for dynamic complex networks combining degree distribution and eigenvector criteria](#)

Rong Xie, Mengting Jiang & Yuchen Wang

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[A hybrid C-GSA optimization routing algorithm for energy-efficient wireless sensor network](#)

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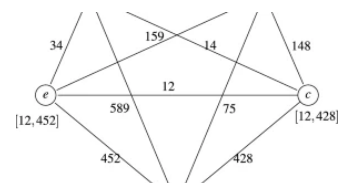


[Optimization of energy and delay on interval data based graph model of wireless sensor networks](#)

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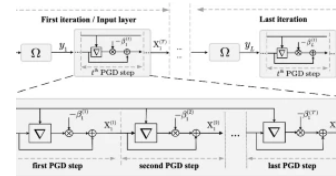


[Deep unfolding based optimization framework of fractional programming for wireless communication systems](#)

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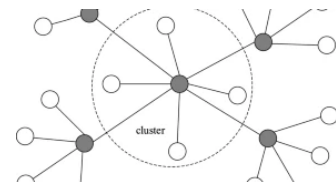


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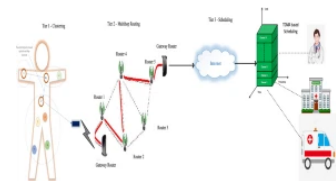


[Sustainable remote patient monitoring in wireless body area network with Multi-hop routing and scheduling: a four-fold objective based optimization approach](#)

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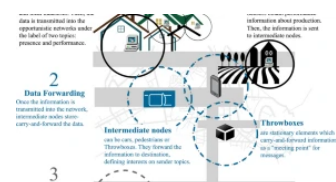


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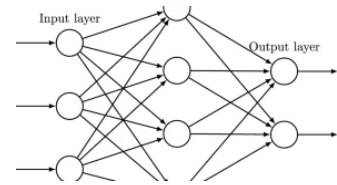


[A comparative study of cellular traffic prediction mechanisms](#)

Eduardo Santos Escriche, Stavroula Vassaki & Gunnar Peters

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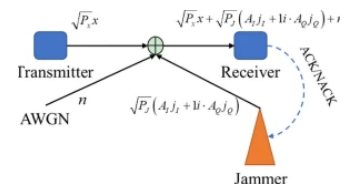


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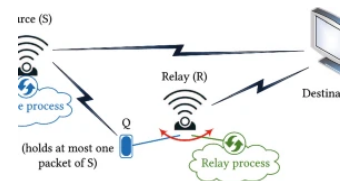


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