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Special Issue on the Technologies and Applications of Big Data (pp. 5425-5615)

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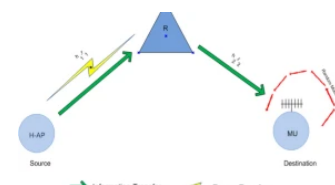
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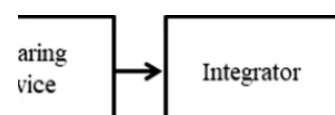
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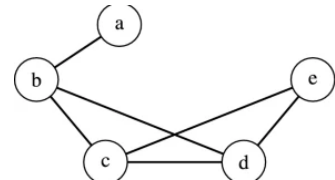
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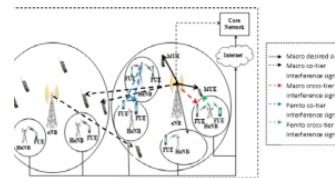


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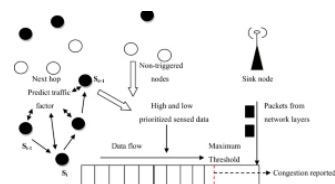


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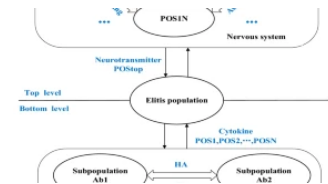


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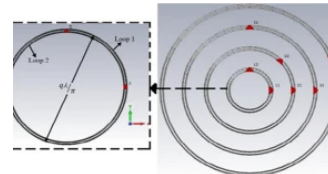


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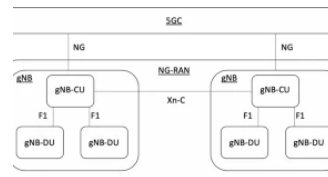


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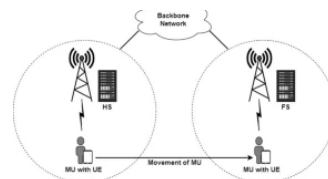


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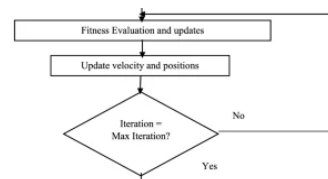


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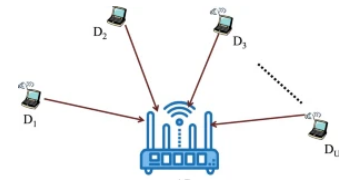


[Deep learning based adaptive modulation and coding for uplink multi-user SIMO transmissions in IEEE 802.11ax WLANs](#)

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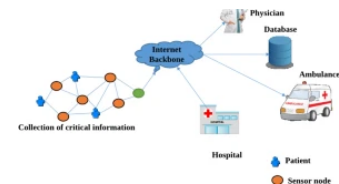


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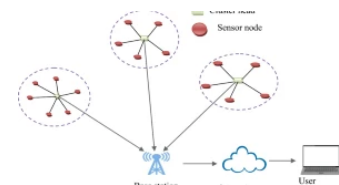


[Cluster head selection in wireless sensor network using tunicate swarm butterfly optimization algorithm](#)

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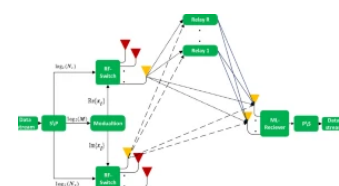


[Capacity analysis of cooperative amplify and forward-quadrature spatial modulation MIMO system](#)

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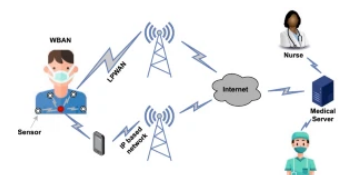
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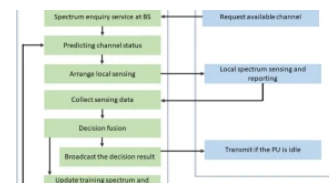
[Wireless technologies, medical applications and future challenges in WBAN: a survey](#)

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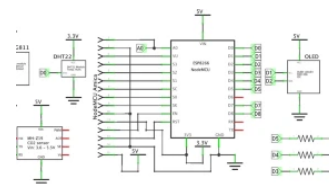
[Energy and spectrum efficiency in predictive-cooperative cognitive radio networks](#)

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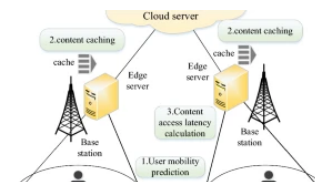
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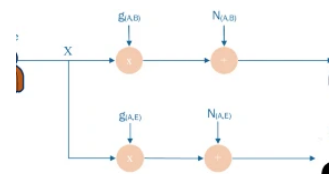
[Latency-aware content caching and cost-aware migration in SDN based on MEC](#)

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[Machine learning-based physical layer security: techniques, open challenges, and applications](#)

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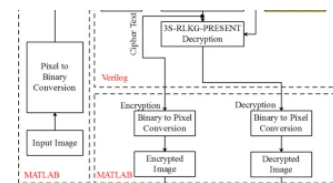
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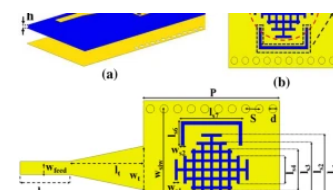
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[A symmetrical SIW-based leaky-wave antenna with continuous beam scanning from backward-to-forward through broadside](#)

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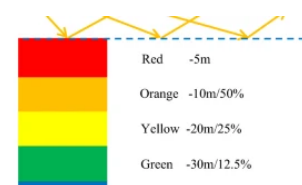
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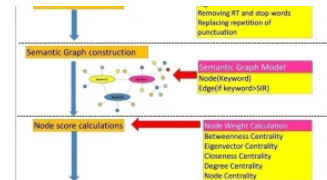


[A semantic graph-based keyword extraction model using ranking method on big social data](#)

R. Devika & V. Subramaniaswamy

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[Study and analysis of category based PageRank method](#)

Utkarsh Jain, Ayush Mishra ... Pankaj Shukla

OriginalPaper | Published: 15 April 2021 |

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INITIALIZATION
initialize all page ranks to 1.
Categorize the web pages.
PAGERANK CALCULATION
Compute the Category based PageRank using the ξ
$$PR(u) = (1 - d) + d \sum_{v \in B(u)} \frac{PR(v)}{O(v)} + d * \sum_{v \in B^*(u)}$$

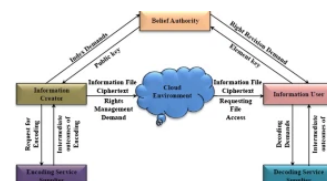
Repeat until the PageRank values $PR(u)$ start to converge.

[Designing a trivial information relaying scheme for assuring safety in mobile cloud computing environment](#)

N. Thillaiarasu, S. Chenthur Pandian ... V. Subramaniaswamy

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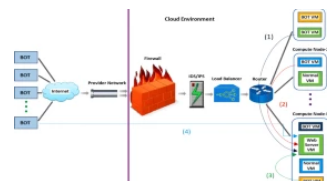


[An OpenStack based cloud testbed framework for evaluating HTTP flooding attacks](#)

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[Review of security challenges in healthcare internet of things](#)

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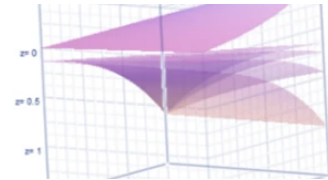


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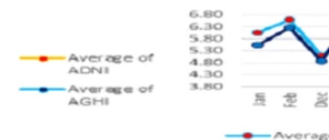


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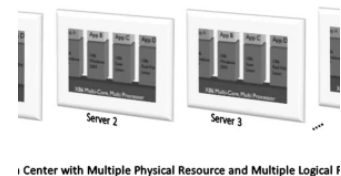


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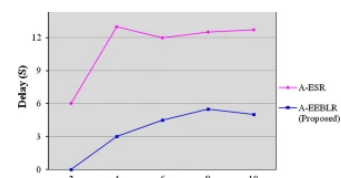


[Ant-based efficient energy and balanced load routing approach for optimal path convergence in MANET](#)

Arockiasamy Karmel, Varadarajan Vijayakumar & Radhakrishnan Kapilan

OriginalPaper | Published: 02 July 2019 |

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[An optimization framework for routing protocols in VANETs: a multi-objective firefly algorithm approach](#)

Christy Jackson Joshua & Vijayakumar Varadarajan

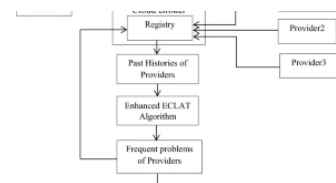
```
5  for j=1 to n
6    if  $I_j < 1$ , then
7      firefly i proceeds towards j using equation 1
8    end if
9    if non-dominated solutions are NOT found then
10     Random walks to find the best solution  $g^*$ 
11   end if
12   Update Solutions
```


[Dynamic rule generation and rule matching for composite environmental condition in context aware system](#)

Subbaraj Rajarajeswari & Venkataraman Neelananarayanan

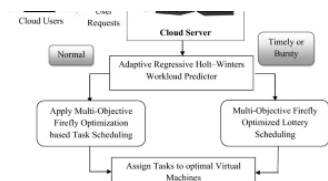
[Risk analysis of cloud service providers by analyzing the frequency of occurrence of problems using E-Eclat algorithm](#)

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