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Wireless Networks

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Volume 29, issue 3, April 2023

Special section on Emerging Trends, Challenges and Applications in Cloud Computing

Issue editors

Longzhi Yang, Vijayakumar Varadarajan, Tossapon Boongoen & Nitin Naik

32 articles in this issue

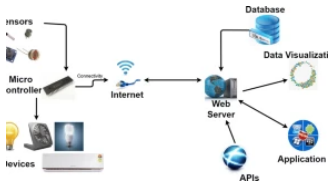
Special issue on emerging trends, challenges and applications in cloud computing

Longzhi Yang, Vijayakumar Varadarajan ... Nitin Naik

Guest Editorial | Published: 23 December 2021 | Pages: 985 - 987

An open source smart home management system based on IOT

Kevin Naik & Supriya Patel



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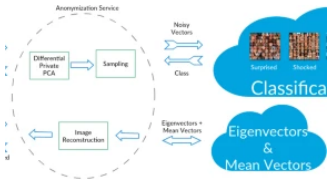
Cloud-based differentially private image classification



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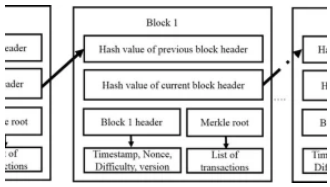
A framework of blockchain-based secure and privacy-preserving E-government system



Noe Elisa, Longzhi Yang ... Yi Cao

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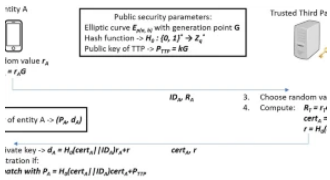
Identity-based and anonymous key agreement protocol for fog computing resistant in the Canetti–Krawczyk security model



Simone Patonico, An Braeken & Kris Steenhaut

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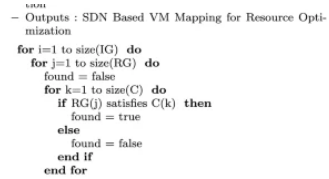
SDN enabled BDSP in public cloud for resource optimization



```
– Outputs : SDN Based VM Mapping for Resource Optimization
for i=1 to size(IG) do
  for j=1 to size(RG) do
    found = false
    for k=1 to size(C) do
      if RG(j) satisfies C(k) then
        found = true
      else
        found = false
      end if
    end for
```

Ahmed Al-Mansoori, Jemal Abawajy & Morshed Chowdhury

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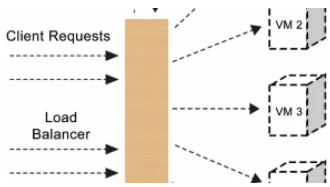
Cloud-based load balancing using double Q-learning for improved Quality of Service



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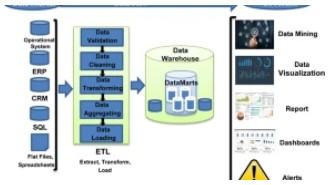
A business intelligence based solution to support academic affairs: case of Taibah University



Wadii Boulila, Muhib Al-kmali ... Hamzah Mugahed

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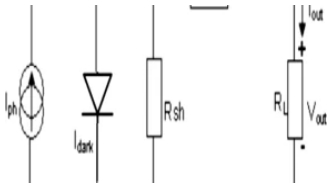
Supervision of a PV system with storage connected to the power line and design of a battery protection system



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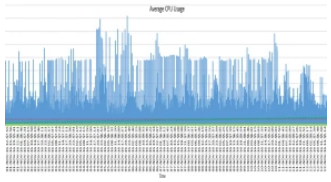
Cloud computing deployment: a cost-modelling case-study



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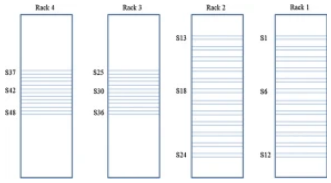
Potential effects on server power metering and modeling



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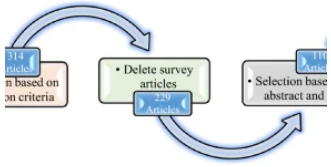
A comprehensive and systematic literature review on the big data management techniques in the internet of things



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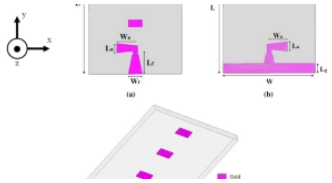

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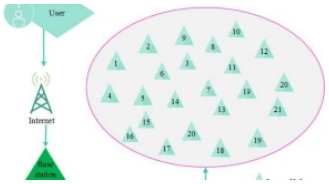
A heuristic deep feature system for energy management in wireless sensor network



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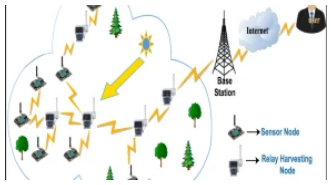
An energy efficient coverage aware algorithm in energy harvesting wireless sensor networks



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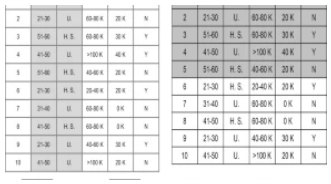
A new method for privacy preserving association rule mining using homomorphic encryption with a secure communication protocol



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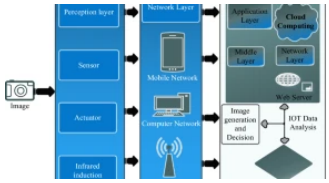
Designing an intelligent image detection and transmission system for the Internet of Things



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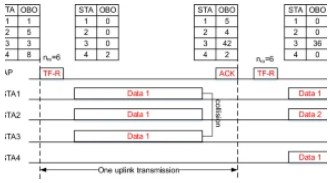

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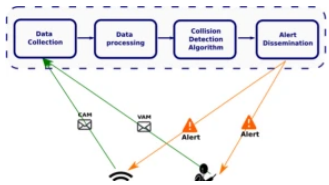

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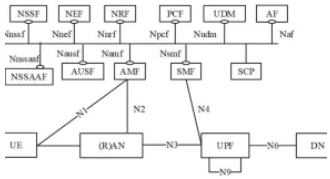
On self-adaptive 5G network slice QoS management system: a deep reinforcement learning approach



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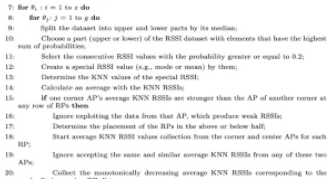
New RSSI-fingerprinting-based smartphone localization system for indoor environments



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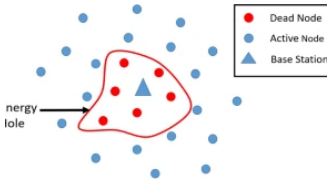
Load balanced cluster formation to avoid energy hole problem in WSN using fuzzy rule-based system



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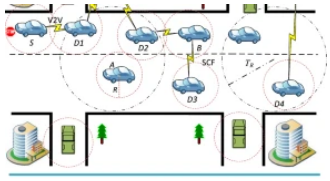

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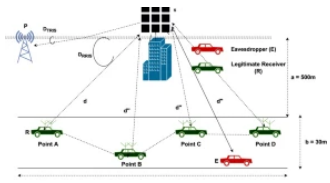

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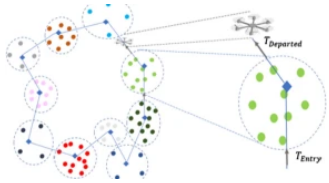
UAV-assisted data gathering from a sparse wireless sensor adaptive networks



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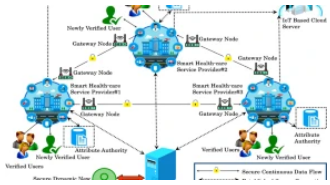
Dynamically scalable privacy-preserving authentication protocol for distributed IoT based healthcare service providers



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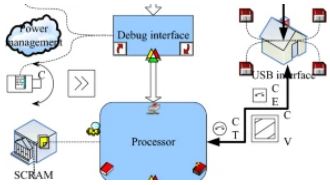

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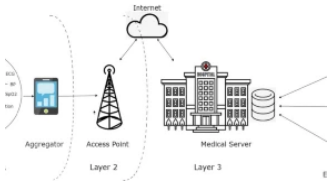
Provably secure certificateless protocol for wireless body area network



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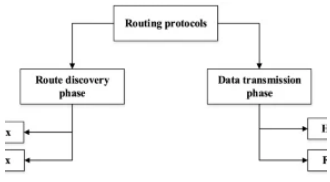

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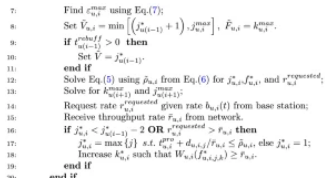

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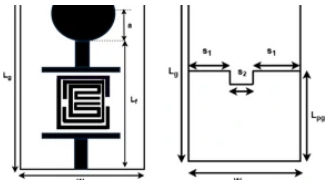

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