

OCSO-CA: Opposition based Competitive Swarm Optimizer in Energy Efficient IoT Clustering

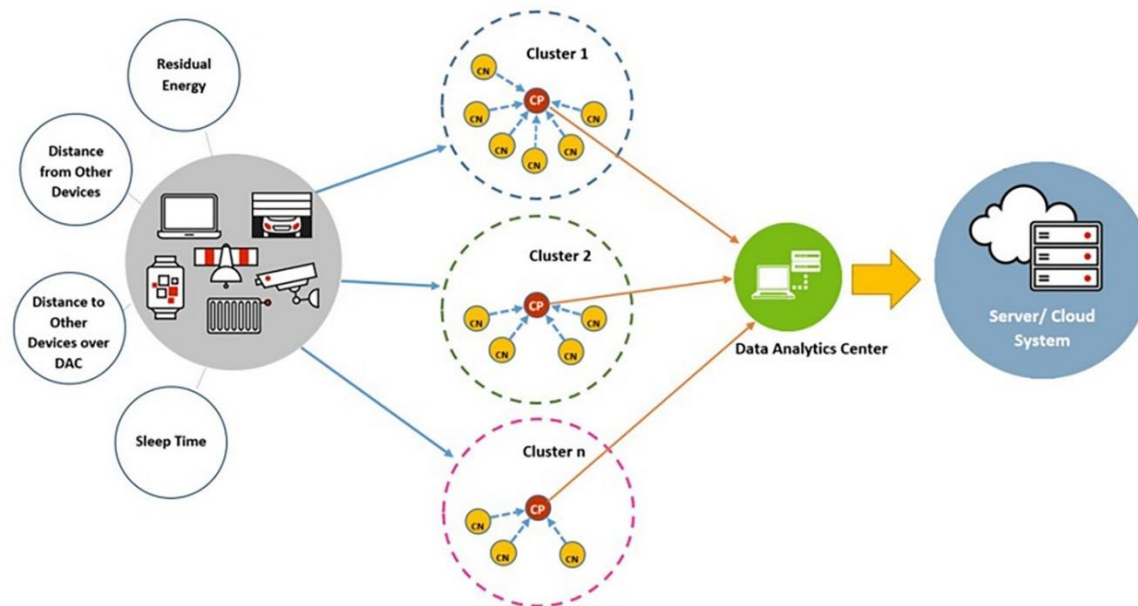
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Problems & Ideas

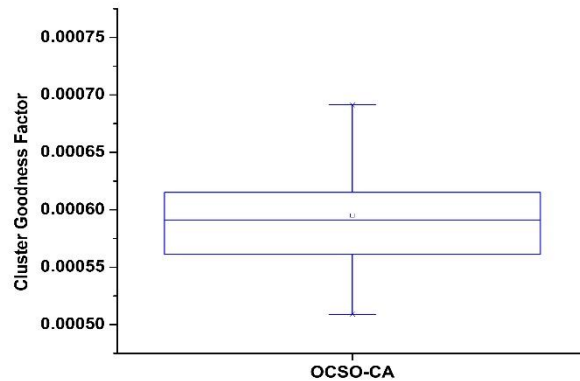
- Large number of energy loss during data transmission between IoT device and cloud
 - Smaller Network lifetime
 - Higher Latency
- Ideas: establish energy efficient IoT to cloud data transmission network.
 - Optimization based Clustering technique

- **Proposed IoT-Cloud data transmission framework**

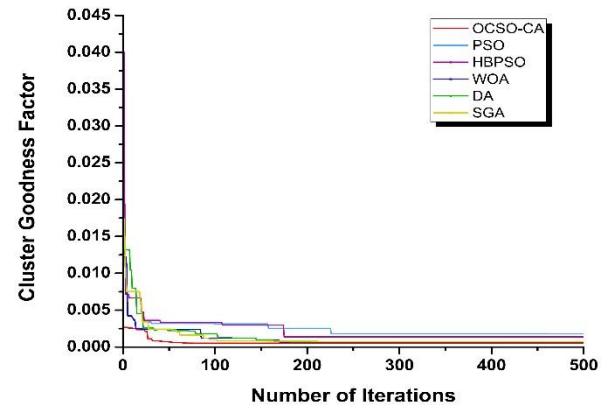


Main Contributions

- **Box plot of OCSO-CA for 20 number of runs**



- **Changes in cluster goodness factor with the number of iterations**



- **Comparative analysis of network residual energy in each Transmission**

