Abstract

This paper addresses the issue of achieving energy efficiency in heterogeneous cellular networks (HetNets). The use of sleep control strategy and distance based energy requirement enables us to achieve optimized energy efficiency. The proposed system connects to the problem of heterogeneity and finds solution to the balance in terms of communication distance based energy requirement, the network connects the micro users and the macro users to the same station on the basis of the distance from the concerning station, then an election is started for the nearest station to the user node ignoring the rely networking, the user can be assigned a network with micro users on it, in this case the priority is given to the macro user and the micros are adjusted, this adjustment is marked with reduced density of the micro by switching them off.
for a concerned period while the macro is in effective fading limit of the micro station.

References

A Novel Technique for achieving Energy Efficiency in Heterogeneous Cellular Network

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Index Terms

Computer Science
Networks
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