

Wireless Power Communications and Natural Language processing in multi Radio deployment

Belal AbuHaija

Deployment of new radio technologies in the mobile world has been gaining momentum as an alternative to meet the ever-increasing demands of data customers. This issue is motivated by the existence of applications, which make available to ordinary users, a host of services that require higher spectral efficiency and data rates. The deployment of LTE concurrently with the existing legacy cellular systems, such as UMTS in the same cell sites, has proven to enhance the network resources available to the operators in the form of common radio resource management (CRRM). We aim to develop an algorithm based on several criteria to enhance the decision making process of the operators' network and to minimize sudden changes in heterogeneous cell loads in order to optimize the overall system capacity, efficiency, Language used and power consumption in Cellular Networks.

AbuHaija, Belal, (2019), Wireless Power Communications and Natural Language processing in multi Radio deployment, IJSAIT, Dec., 2019