Vienna base station communication progress is slow

How do BS-relay stations work?
The algorithm takes into account network throughput and coverage to achieve BS-Relay Station deployment. From the perspective of energy and the environment,the power that a BS consumes is proportional to the maximum region that the BS can serve. Cost minimization is an issue that needs to be considered in BS construction.

How BS-relay station deployment technology is based on joint clustering?
Ratheesh et al. proposed a BS-Relay Station deployment technology based on joint clustering. The algorithm takes into account network throughput and coverageto achieve BS-Relay Station deployment. From the perspective of energy and the environment,the power that a BS consumes is proportional to the maximum region that the BS can serve .

What is the signal-to-interference-plus-noise ratio (SINR) of U from B?
The received signal-to-interference-plus-noise ratio (SINR) of u from b is (10) S I u,b t = P u b t ? u 2 +? b ? B {b} P u b t = P Tran L u b t ? u 2 +? b ? B {b} P u b t,where ? u is the white Gaussian noise of u and ? b ? B /{b} P u,b t is the interference from other UAV-BSs.

The deployment of Unmanned Aerial Vehicles (UAVs) as aerial base stations (UAV-BSs) has emerged as a promising solution to enhance communication services provided to ...

Abstract The unmanned aerial vehicle base station (UAV-BS) plays an important role and has unique advantages in many networking application. The current base station ...

Most of the current research is based on the performance of the base station (BS) itself or the operation mode of the communication operator without considering the users' ...

There has been a recent increase in the studies on integrated sensing and communication (ISAC) technology within unmanned aerial vehicles (UAVs). In our paper, we ...

A recent approach to expanding the coverage of 6G networks and enhancing disaster preparedness is the use of wireless networks based on unmanned aerial vehicles ...

Optimizing the Deployment of an Aerial Base Station and the Phase-Shift of a Ground Reconfigurable Intelligent Surface for Wireless Communication Systems Using Deep Reinforcement Learning

Why Traditional Reporting Models Fail in 5G Era? How many network engineers waste 68% of their workweek deciphering fragmented communication base station performance data? With ...

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