

BLINK SOLAR

Communication operator base station data query



Overview

What is a base station information query interface?

The base stations information query interface is used to provide location based services with cellular base station information, such as Base Station ID, Time Advance, and other parameters that can be used to compute the geographical position of the mobile subscriber.

What is the base station latitude & longitude?

The Base Station Latitude (0-4194303). This is encoded in units of 0.25 seconds, expressed in two's complement representation within the low 22 bits of the DWORD. As a signed value, North latitudes are positive. Use 0xFFFFFFFF when this information is not available. The Base Station Longitude (0-8388607).

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 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 .

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MB base stations information query support

The base stations information query interface is used to provide location based services with cellular base station information, such as Base Station ID, Time Advance, and ...

Mobile communication base station traffic forecast

We divide the complete base station traffic data set according to the cell number to reduce the size of a single training data, which is conducive to the training of the subsequent ...



Traffic data prediction of mobile communication base ...

In order to satisfy users' high-quality experience and save resources, it is necessary to predict the traffic data of mobile communication base station, so that mobile communication base station ...

Traffic Prediction of Mobile Communication Base Station ...

The mobile base station traffic data used in this paper comes from China Mobile communication operators. It collects traffic data in a base station from March 1 to April 19 in ...



Estimating Base Station Traffic and Throughput Using ...

This research focuses on analyzing and predicting traffic and throughput at base stations in cellular networks using machine learning algorithms. The main research area is ...

Deep learning-based prediction of base station traffic

Literature [2] predicts the base station traffic based on ARIMA model and combining AR and MA model. Literature [3] proposed the improved PCA algorithm to monitor ...



Communication Base Station Performance Reporting

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 ...

Optimizing redeployment of communication 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' ...



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