Communication Engineering 451 Quota Base Station

What is Post-Earthquake Communication base station condition analysis?
The post-earthquake communication base station condition analysis is limited to the relationship between the tower type of the base station 11, building structure 12, etc. and the earthquake.

How are communication base station data collected?
The communication base station data from different seismic sources are randomly combinedand randomly divided into training set and test set according to the ratio of 7:3. 70% of the training set data are used for learning and 30% of the test set data are used for testing.

What factors affect a post-earthquake communication base station?
While ignoring that the damage of the post-earthquake communication base station is also related to many factors such as the geographical location of the base station, the distance from the earthquake source, the geography and geology between the earthquake source and the communication base station.

How is a base station data set selected in a training set?
Step 1,the first set of base station data is randomlyselected in the training set,and the base station data is divided into the set of global variable parameters and local variable parameters.

The engineering parameters of communication base stations are the core assets of telecommunication operators. It directly determines the quality of the network and the ...

By transforming the energy supply of existing communication base stations and alleviating the pressure on the electric load, while including communication operators in the ...

Abstract--Movable antenna (MA) is an emerging technol-ogy which enables a local movement of the antenna in the transmitter/receiver region for improving the channel ...

Cellular mobile communication network planning and optimization involve a complex engineering process that deals with network fundamentals, radio resource elements, ...

Signal coverage quality and strength distribution in complex envi-ronments pose severe challenges, leading to the inadequacy of traditional two-dimensional base station ...

In this paper, we propose a simple logistic method based on two-parameter sets of geology and building structure for the failure prediction of the base stations in post-earthquake.

With the sharp development of mobile communication technology, the coverage area of existing base stations cannot meet the increasing demand of users, so it is significant ...

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PEO 3:Graduates will demonstrate high level of creativity, critical thinking, responsibility, team work and leadership in their careers. PEO 4:Graduates understand professionals, ethical and ...

With the rapid development of mobile communication, the major operators speed up the pace of network construction, the number of base stations increases significantly, the ...

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