Communication base station inspection and survey content

Overview

What is a base station monitoring system based on?

Research on Wireless Communication Base Station Monitoring System Based on Artificial Intelligence and Network Security 2.1 Research on Key Technologies of Wireless Communication The communication of network is the fundamental of wireless communication .

Why do we need a wireless communication base station monitoring system?

In view of the improvement and challenges of wireless communication technology, it is necessary to establish an efficient and stable wireless communication base station monitoring system to solve the serious drawbacks of "monitoring without control and low reliability" in the traditional staffed computer room for monitoring.

How supervised machine learning is used in wireless communication base station monitoring?

In the experiment, using the supervised machine learning algorithm, the program of the wireless communication base station monitoring system is designed by setting the working frequency of the GSM-based wireless communication system to the wireless communication base station monitoring system.

How to test the equipment of a base station?

Test method for the equipment of the base station: select the corresponding equipment, check the status of the selected equipment, change the status of the equipment, check the status update of the equipment, and test whether the software can meet the control function of the base station equipment.

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Design of Wireless Communication Base Station Monitoring ...

Jan 1, 2023 · With the rapid popularization of the network, under the increasingly complex network security situation and the increasingly prominent network security problems, network security ...

A Survey on Machine-Learning Techniques for UAV-Based Communications

Nov 26, 2019 · A promising approach is to adopt unmanned aerial vehicles (UAVs) as aerial user equipments (UEs) or flying base stations (BSs). In particular, UAV-based communications can ...

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working ...

Design of a Communication Base Station Monitoring System ...

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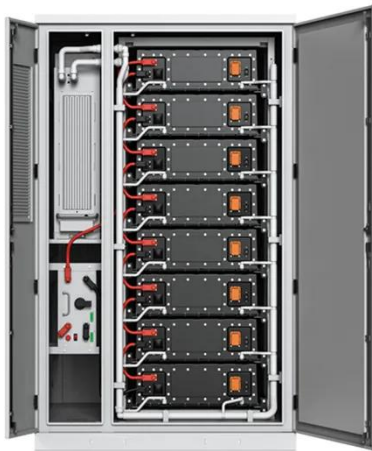

Communication Base-Station Antenna Detection Algorithm Based ...

Nov 30, 2019 · Aiming at improving the efficiency and the accuracy of the base station antenna inspection, a new method is proposed to use the deep learning algorithm YOLO v3 algorithm ...

A survey on UAV-assisted wireless communications: Recent ...

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Aug 1, 2023 · Moreover, dedicated UAVs could be deployed as aerial base stations (BSs), access points (APs) or relays, to assist terrestrial wireless communications from the sky, leading to ...
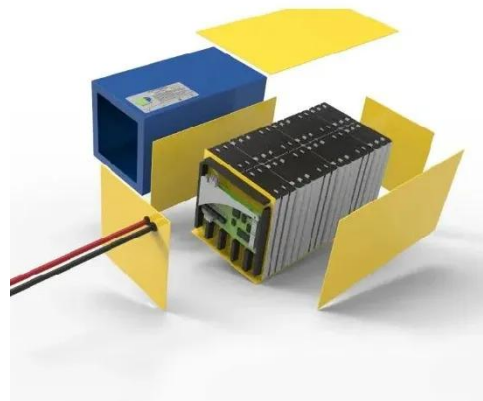
Simulation and Classification of Mobile Communication Base Station

Dec 16, 2020 · In recent years, with the rapid deployment of fifth-generation base stations, mobile communication signals are becoming more and more complex. How to identify and classify ...

The design and implementation of mobile communication base station

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