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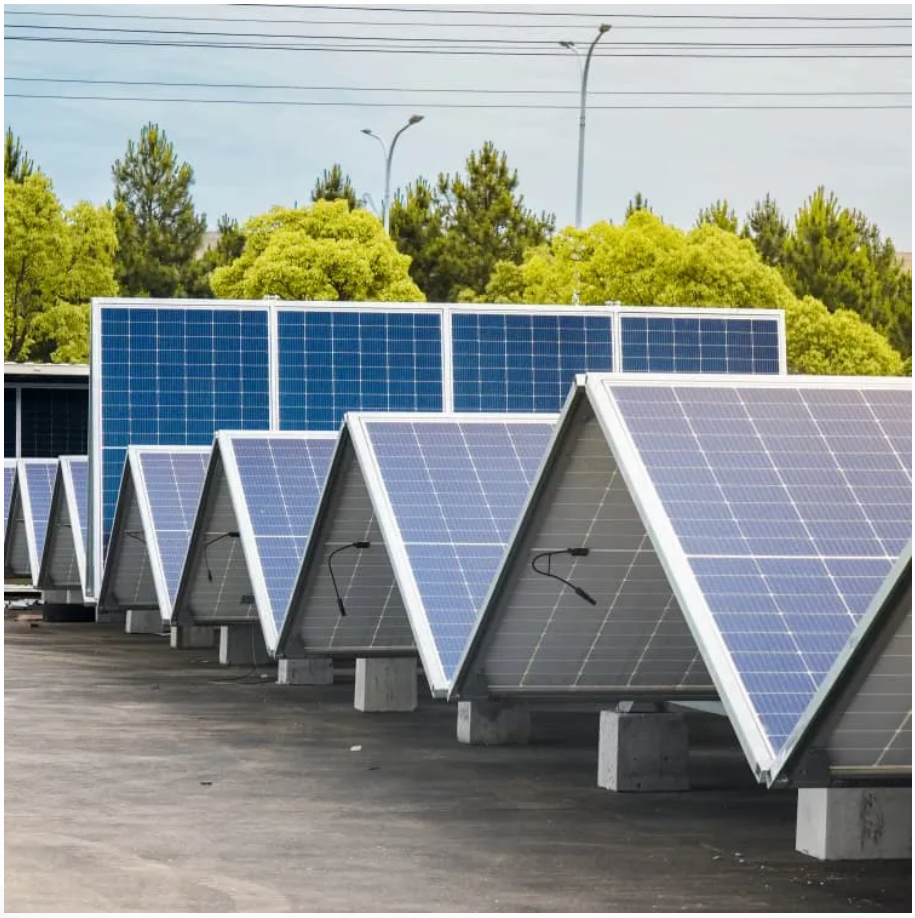
Base station site obstruction coordination plan



Overview

What are the constraints of a base station?

(2) Constraints: Euclidean distance between base stations, whether the base station covers the test point, whether the coverage reaches the standard, etc. (3) Output: the specific planning point of the base station, the simulation diagram of the base station coverage test point.

How to select base station sites for cellular network planning?

Various site optimization models for selecting base station sites for cellular network planning have been studied by Tayal et al. (2020). The paper concludes that while planning the mobile tower network, evaluation of population, demographic data, and the proximity of roads and highways has to be done. .

How to choose a base station?

The selection of base stations should comprehensively consider various indicators, such as sharing rate, planning accuracy rate, and planning depth. This is a multi-objective planning problem.

What are the specific solutions for a base station?

The specific solutions are as follows: (1) objective function: the base station needs to maximize the needs of the business volume, the base station must have a high stan-dard after planning, and the cost of establishing the base station should be the lowest.

Can t Abu search be used for base station site planning?

T abu search is capable of base station site planning. In a comparison of local search cost value on multiple runs. It maximizes the coverage with least number of base stations. munication is presented in [6]. Here the coverage of cellular towers is set constrained in order to satisfy traffic demands.

What is a cooperative BS (base station)?

Sharing channel information and user date, several cooperative BSs (Base stations) in CoMP (Coordinated Multi-Point) transmit multi-streams to one user or multiple users simultaneously which can convert inter-cell interference signal to desired signal .

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