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Title: Base station communication interference principle

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communication: multiple access and interference management. The first issue addresses how the overall resource (time, frequency, and space) of the system is shared by the users in the ...

In cell communication systems, PIM can create interference and will reduce receiver sensitivity or may even inhibit communication completely. This interference can affect the cell that created ...

In this manuscript, we present a novel deployment protection method aimed at safeguarding aeronautical radio altimeters (RAs) from interference caused by fifth-generation ...

mutual interference model of multiple ISAC base stations, which consists of communication and radar sensing related interference. Moreover, we propose a joint optimization algorithm (JOA) ...

Co-channel interference occurs when two or more signals transmitted on the same frequency band overlap, causing conflicts and reducing signal quality. This type of interference ...

Backhaul Connection: The backhaul connection links the base station to the core network in the mobile communication system. It provides for the interchange of data between ...

on the optimal user scheduling excessive interference to any of the users of other scheduled base stations. To this aim, we show that finding the optimal base station scheduling is NP-hard, and ...

Neighboring base stations are assigned different groups of channels so that the interference between base stations (and the mobile users under their control) is minimized. By ...

There are several types of mutual interference among frequency-sharing systems: (1) interference among

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terrestrial stations; (2) interference between satellite-earth links; and ...

The invention relates to a mobile communication system, a base station and an interference removal method.

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