Three-dimensional communication wireless base station

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Generated on: 2026-03-07 11:02:57

Abstract: Aiming at the problem that the indoor three-dimensional positioning algorithm is complex and the accuracy is not high, this paper proposes a three-dimensional wireless positioning method based ...

In this paper, we propose a 3-dimensional (3D) indoor positioning method based on multipath information, which makes full use of OFDM technology and MIMO array antenna in wireless ...

The sixth generation (6G) and beyond 6G (B6G) wireless communication networks are expected to provide space-air-ground-sea global coverage. Base stations and users tend to move in ...

nel model is proposed to characterize the continuous variation of the ch. ation problem of UAV three-dimensional (3-D) positioning and resource allocation, by power alloca. io. s. To solve this non ...

Recently, unmanned aerial vehicles (UAVs) have been reported a lot as aerial base stations (BSs) to assist wireless communication in Internet of Things (IoT). However, most results for ...

Abstract--This paper studies the problem of wireless communication base station indoor positioning of a three-dimensional, innovation of the Chan-Taylor-3D cooperative localization ...

We have studied Chan-Taylor two-dimensional positioning algorithm and propose an innovative Chan-Taylor three-dimensional positioning algorithm. And we apply it to the indoor three-dimensional ...

Therefore, in this paper, we proposed a creative 3-D positioning system based on particle swarm optimization (PSO) and an improved Chan algorithm to greatly improve the positioning ...

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