

Three-dimensional communication indoor small base station





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A Precise 3D Positioning Approach Based on UWB with Reduced Base Stations

Ultra wide band (UWB) technology is widely used in indoor three-dimensional positioning system because of its wide bandwidth advantage and outstanding anti-narrow ...

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Three-dimensional positioning of wireless communication base station

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 ...

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A 3D Indoor Positioning Method of Wireless Network with Single Base

We propose a method to realize 3-dimensional indoor positioning with single base station by using multipath channel.

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A 3-D Indoor Positioning Method using a Single Compact Base Station

A 3D Indoor Positioning Method of Wireless Network with Single Base Station in Multipath Environment The proliferation of indoor location-based services has increased the demand of ...



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[A 3D Indoor Positioning Method of Wireless Network ...](#)

Most existing indoor localization methods build their models in 2-dimensional space and try to avoid the influence of multipath. We propose a method to finally realize 3-dimensional ...

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[Modern Base Station Architecture: Enabling Passive ...](#)

[4] evaluates three-dimensional (3D) antenna array structures for hybrid precoder design in multi-user mmWave massive MIMO. The authors in [5] propose a two-stage ...

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An Indoor UWB 3D Positioning Method for Coplanar Base Stations ...

As an indispensable type of information, location data are used in various industries. Ultrawideband (UWB) technology has been used for indoor location estimation due to ...

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[An Indoor UWB 3D Positioning Method for ...](#)



As an indispensable type of information, location data are used in various industries. Ultrawideband (UWB) technology has been used for indoor location estimation due to its excellent ranging performance. ...

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[Three-dimensional wireless positioning method based ...](#)

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 ...

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A 3D Indoor Positioning Method of Wireless Network with Single Base

Severe multipath and coherence effects are the difference between signal propagation indoors and outdoors. Most existing indoor localization methods build their models ...

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Energy-efficient indoor hybrid deployment strategy for 5G mobile small

We simulate the internal structure of a three-dimensional (3D) building and the footfall over time. Within this model, we leverage the flexibility of mobile small-cell base ...

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