

عنوان مقاله:

Improving Instantaneous Capacity and Outage Probability in DF-Relaying

محل انتشار:

بیست و یکمین کنفرانس مهندسی برق ایران (سال: 1392)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

Consider a Rayleigh flat fading relay channel under two different power constraints: sum power constraint and individual power constraints. In this paper a simple method for resource allocation based on partial channel state information at transmitter and full channel state information at receiver is introduced. It is shown that by using different time portions for the source and the relay in relaying, when the distance from relay to the source is very different from its distance to the destination, achievable rate can be enhanced and outage probability can be reduced under sum power constraint. Also in the case of individual power constraints, time allocation scheme can improve the achievable rate and outage probability.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/208733>

