عنوان مقاله:

an optimal channel assignment scheme

محل انتشار:

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

In this paper we introduce an optimal channel assignment algorithm for two traffic classes :voice and data which maintains predefined upper bounds on the dropping probabilities of both handoff transaction and handoff voice calls in cellular mobile networks the proposed channel assignment scheme minimizes blocking probability of both types of new calls subject to the hard constraint on dropping probabilities of handoff transaction calls and handoff voice calls the proposed channel assignment scheme can easily be extended to multi -classes traffics.

کلمات کلیدی:

mobile transaction , call admission control guard channels , two-threshold guard channels , wireless networks

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/152262