

عنوان مقاله:

Channel Assignment Problem

محل انتشار:

دومین کنفرانس مکانیک، برق و علوم مهندسی (سال: 1400)

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خلاصه مقاله:

The Channel Assignment (CA) is an efficient tool to exploit multiple non-overlapping channels to minimize interference and enhance the capacity of the wireless mesh network. Even though the CA can minimize the total network interference, its result may cause some design issues which influence the network performance. First, the CA alters the network topology which in turn may produce unconnected logical topology. Second, the interaction between the CA and routing protocol where the effective capacity of each link depends on the routing decision and the result of .CA. This article gives you a brief overview on channel assignment

کلمات کلیدی:

Wireless mesh network, Multi-radio, Multi-channel, Channel assignment

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