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	<b>Example</b> Contents <b>Introduction</b> The lack of frequency resources has become a major issue in recent years due to the increasing demand for wireless communication services[1]. Cognitive radio (CR) technology, which is a frequency-sharing mechanism accomplished via dynamic spectrum access, has garnered interest for its potential to make effective use of scarce frequency resources[2]. By monitoring the wireless environment, a CR network (CRN) may avoid interfering with accredited capital (Pus) using an unoccupied spectrum in space and time[3], [4]. The CRN has to cohabit peacefully with licensed Sign in to Continue Reading users[5]. For the best performance in a Wireless setting, the system must dynamically configure itself to make use of available resources[6], [7]. In this research, think about a distributed and self- configuring CR ad-hoc network (CRAHN) [8]. A CRAHN is more scalable and can adapt fast to changing wireless conditions[9], [10]. CRAHNs have found use in several different areas as of late due to their ability to quickly configure networks without relying on pre existing infrastructure and to make efficient use of the oftenest origin time [11], [12].	
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