

Metrics	(AECE)	
More Like This	Date of Conference: 23-24 November 2023	DOI: 10.1109/AECE59614.2023.10428284
	Date Added to IEEE Xplore: 15 February 2024	Publisher: IEEE
	▶ ISBN Information:	Conference Location: GHAZIABAD, India
	Example Contents Introduction 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].	
	Authors	
	Figures	
	References	
	Keywords	
	Metrics	

More Like This

A Comprehensive Study on Machine Learning Algorithms for Wireless Sensor Network Security 2020 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT) Published: 2020

Performance Analysis of Machine Learning Algorithms with Clustering Protocol in Wireless Sensor Networks 2023 International Conference on Artificial Intelligence in Information and Communication (ICAIIC)

Simulate the Machine Learning Algorithm to Organize the CRAHN Network System | IEEE Conference Publication | IEEE Xplore

Published: 2023

Show More



About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting 🗹 | Sitemap | IEEE Privacy Policy

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2024 IEEE - All rights reserved, including rights for text and data mining and training of artificial intelligence and similar technologies.

IEEE Account

- » Change Username/Password
- » Update Address
- **Purchase Details**
- » Payment Options
- » Order History

9/21/24, 10:50 AM Simulate the Machine Learning Algorithm to Organize the CRAHN Network System | IEEE Conference Publication | IEEE Xplore

» View Purchased Documents Profile Information

- » Communications Preferences
- » Profession and Education
- » Technical Interests

Need Help?

- » US & Canada: +1 800 678 4333
- » Worldwide: +1 732 981 0060
- » Contact & Support

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. © Copyright 2024 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.