Abstract

In the development of ways to reduce malpractices in examination centers in all educational institutions is an important area of research. One of the major problems discovered aiding malpractices has been the creation of mobile phones, which however is a good communication device but needs to be curtailed during examinations. In order to have a 100% assurance that no student can cheat with his or her mobile phone a mobile detector system with a frequency jamming feature was developed using mobile cell phone detection techniques of measuring a cell phone's electromagnetic properties, determining an identifiable signature, measuring the RF spectrum and meeting the jamming requirements.

References

1. Nicholas W. S. 2011, Study of Cellular Phone Detection Techniques, unpublished Thesis, Faculty of The Graduate College at the University of Nebraska

Index Terms

Computer Science
Signal Processing

Keywords

Mobile Phone Detector, Frequency jamming Feature, Buzzer, RF spectrum