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ORIGINAL ARTICLE

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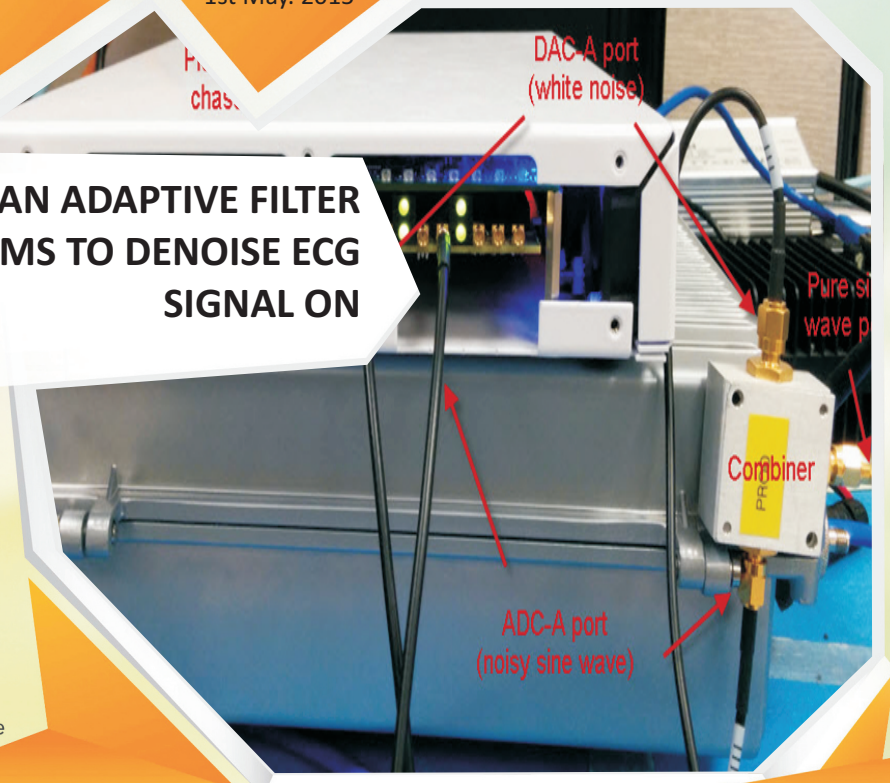
DESIGN AN ADAPTIVE FILTER USING LMS TO DENOISE ECG SIGNAL ON



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ABSTRACT

Signal Processing has a rich history and its importance in biomedical engineering is known to all. ECG analysis and processing can be used to extract some characteristic parameters. The noise removal from Electrocardiogram (ECG) signal is very complex problem. In ECG signal baseline wander noise distorts the low frequency segments. The low frequency segment in ECG is ST segment. Heart attack related information is retrained from ST segment, so it is very necessary to have a noise free ECG signal.

Article Indexed in

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Introduction

The function of the human body is based on signals of electrical, chemical or acoustic origin. Such signals provide information which may not be immediately perceived but which is hidden in the structure of the signal. This hidden information has to be decoded in some way before the signals can be given useful interpretations.

A Good Introduction : -

Depict the significance (importance) of the study - why was this value doing in any case? Give a wide connection. Extremely briefy depict the exploratory configuration and how it achieved the expressed destinations.

Materials

Must add methods and materials in your article.

A Good Materials : -

Methods & Materials used to per research topic.

Result

Must add result in your article.

A Good Result : -

Results are as per aims and objective and useful to further research .

Conclusion

The simulation and implementation results are presented for Adaptive filter design to denoise the baseline drift interference from ECG signal. There are various artifacts that contaminate electrocardiogram (ECG) recording; the most common are power line interference and baseline drift.

A Good Conclusion : -

Clarify the majority of your perceptions however much as could be expected, concentrating on systems.

References

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A Good References : -

There are Places where the Author Somnath K. Bagale and Venkat N. Ghodke Need to Cite a Reference, but Have Not

SUMMARY OF ARTICLE

No.		Very High	High	Aver-age	Low	Very Low
1.	Interest of the topic to the readers		✓			
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas	✓				
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)	✓				

FUTURE RESEARCH PLANNING:

1. Career For Faculty (http://academicprofile.org/Professor/CareerForFaculty.aspx)
2. Academic Plan (http://academicprofile.org/Professor/AcademicPlan.aspx)
3. Regarding Professor Promotion (http://academicprofile.org/Professor/regardingPromotion.aspx)
4. Fellowship for Post Doctoral (http://academicprofile.org/Professor/FellowshipForPD.aspx)
5. Online Course on Research (http://onlineresearch.in/Default.aspx)

HOW TO INCREASE API

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OF PUBLICATION

This is to certify our Editorial, Advisory and Review Board accepted research paper of Somnath K. Bagale and Venkat N. Ghodke Topic:- Design An Adaptive Filter Using Lms To Denoise Ecg Signal On Reconfigurable Platform College:- Department of Electronics & Telecommunication, Savitribai Phule Pune University,Pune.India (MS). The research paper is Orignal & Innovation it is done Double Blind Peer Reviewed. Your article is published in the month of May Year 2015.

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T. N. Shinde
Editor-in-Chief

REVIEWER COMMENTS

- The work, as with all work advancing from this specific gathering, is generally sound.
- My remarks here are concerned singularly with the association of the composition.
- Thought of these focuses will, I accept, lead to an enhanced report that better shows the key ideas and conclusions.
- Generally, this is a reasonable, brief, and elegantly composed original

Authorized Signature
Dr. Ashok Yakkaldevi
Review Editor

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