







#58 (1570558675): An Application Real-time Acquiring EEG Signal from Single Lead Electrode to Recognize Brain Activity using Neurosky Sensor


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Brief

Author name	Author affiliation (edit for paper)	Author email	Email	Delete
Iman Fahruzi 	Politeknik Negeri Batam, Indonesia	iman@polibatam.ac.id		


  

Paper title *An Application Real-time Acquiring EEG Signal from Single Lead Electrode to Recognize Brain Activity using Neurosky Sensor* 


Conference and track **2019 International Seminar on Application for Technology of Information and Communication (iSemantic) - 2019**
International Seminar on Application for Technology of Information and Communication

Abstract   Electroencephalography (EEG) is one of the biological signals in humans that can be used to...

Keywords no keywords Only the chairs can edit


Topics *Electrical and Electronic Technology: Energy, Power Generation and Distribution, Power Line Communication, Electric Motor and Drives, Power Electronics, System Identification and Control, Robotics, Cybernetics, Engineering, Manufacturing and Control Image, Speech and Signal Processing, Bio-informatics and Bio-Medical Engineering Control Systems and Embedded System Circuits, Sensors and Devices, Communication Systems, Mobile/Ad hoc wireless networks, mobicast, sensor placement, target tracking, Manufacturing Automation, Process, Manufacturing & Control.* 




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Registration  Iman Fahruzi has registered and paid for TX:Domestic  

Presented by not specified ; session to be announced (visible to tpc).

Review manuscript	Final manuscript	Stamped	Stamped-e
 	 	 	 

Meta Review

Actions	Relevance	Novelty	Contribution	Presentation	Accept Score	Main Rejection Reason					
completed	Good match	4	Not novel at all	Average	3	Clear	4	Neutral	4	Lacks novelty, results not new or convincing	4

Comment to Author

this paper discussed about: developed a prototype in the form of a hardware and software architecture to monitor EEG signal activity with a single probe using the Neuro-Sky Brainwave Sensor (TGAM).

there is several findings:

- 1) caption at table 1 is not english, please fix.
- 2) there is gap in table 1, is something missing? if not, please rewrite the table 1 so it would be easy to understand.
- 3) in section introduction, par 2 last sentence, there is: "The brain will produce the dominant wave from the four base waves, namely alpha, beta, theta and delta", the author perhaps forgot to put gamma waves.
- 4) author did not provide how to handle the noise, is it by noise removal by using ICA or something else. If author have not considered this, the suggestion can be used as future works.

Actions	<u>Relevance</u>	<u>Novelty</u>	<u>Contribution</u>	<u>Presentation</u>	<u>Accept Score</u>	<u>Main Rejection Reason</u>
<div style="border: 1px solid #ccc; padding: 5px;"> 5) author did not explain how to obtain the signal, is it by DWT, or CWT or simple Fourier. please elaborate. </div>						
completed	Relevant	3	Significant	4	Average	3
						Needs improvement
						2
						Normal Accept
						7
						Lacks novelty, results not new or convincing
						4
<div style="border: 1px solid #ccc; padding: 10px;"> <p>Comment to Author</p> <p>please re check writing method</p> <p>please more explain on how to get the data from sensors on this systems, have a filter or not?</p> </div>						