Advances in Electrical and Computer Engineering - Ticket Support System

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7518 - Response to Reviewers

Ticket status: Waiting reply from customer
Created on: 2020-12-25 18:20:55
Last update: 2021-02-10 10:02:06
Last replier: AECE Support
Category: Answers to reviewers
Replies: 10

Printer friendly version

Date: 2020-12-25 18:20:55
Name: Jusak Jusak
E-mail: jusak (at) dinamika (dot) ac (dot) id
Paper ID (if available): 7518

Message:

Dear AECE editors,
We received 3 comments from the reviewers on the 2nd Dec 2020 to our paper with Paper Id: 7518. Below are the author's responses to the reviewer's comments:

Question 1: Page 1, right column, rows 22-32. In fact, there are 4 heart sound often found in specific recordings. S3 and S4 may be normal or abnormal sound, depending on context.

Answer 1: Regarding the question 1, the authors have added information and references about heart sound signal S3 and S4 in Page 1, right column, rows 16-24.

Question 2: At page 4, left column, rows 63-64, ref. to formula (4): "…signifies the extracted remaining unwanted signal and trend."; in fact, the trend is represented by $R(n)$, as in formula (1), but of course in (4) it is not exactly the same formula as in (1). Similarly, in formula (7) there are two terms which show the same thing: $yrem(n)$ and $R(n)$. Which is the difference between them?

Answer 2: The authors have revised formula in (1),(4), and (7) by removing $R(n)$ from the equations. The reviewer's comment is correct as $R(n)$ in (4) and (7) should be part of the variable $yrem(n)$.

Questions 3: That threshold of 0.8 in formulas (5) and (6) is based on the fact that dk0 in (3). Is it always true that dk ….. (incomplete)

Answer 3: The authors have added information in Page 4, subsection III.B.1 that the value of 0.8 used in (5) and (6), and in the evaluation for the case of normal heart sound signal was obtained from our preliminary experiment. Therefore, the value 0.8 is an empirical not a theoretical result.

Thank you very much for all the valuable comments to make the quality of our paper better.

Here, I attach in this ticket the revised paper.

Best regards,
Dr. Jusak Jusak

Attachments:

   AECE_Jusak_Final_97-2003_Revise_after_Review.doc
   Response_to_reviewers_comments_paperID_7518.doc

Date: 2021-01-02 11:05:46
Name: AECE Support

Message:

Dear Jusak Jusak,

This message with the modified paper and response to reviewers' comments/recommendations/observations is available now in the paper reviewing interface. They will respond here and you will be able to conduct a dialogue with the evaluators in this ticket.

Kind regards,

Eugen COCA
http://www.aece.ro/support

Rated as helpful

Date: 2021-01-04 11:27:09
Name: Jusak Jusak

Message:

Dear author and editor,

The authors' answers are not complete, as there were 7 raised problems plus English errors to correct. Below there are the remaining problems to clarify.

4) The authors used only 2 recordings for their analysis, Sample 01 and 09 (or at least they showed that). Are the results the same if the proposed method is applied on many recordings, as those shown in section IV – Results and Analysis ?
5) In the case of Fig. 6 it is stated that "the fundamental heart sounds might be best represented by IMFk for k =1,2,3". Of course the proposed method must be an automatic one, so how the number of IMFs may be automatically chosen ? The authors must deploy an automatic procedure, related to the Pearson distance, to establish the parameter k. This is a key point of the new method.
6) The procedures described in page 5 (a, b, …, e) and page 6 (a, b, c) for the LiHSD algorithm are complex and it is very difficult to automatize them. So, it is a laborious method and the operator must be specialized in this technique.
7) How the accuracy of the LiHSD algorithm was computed ? Which is its error ? In this diagnose activity the false negative, as well as the false positive determinations, are important for clinical diagnosis process. The difference in obtained accuracy with respect to the reference [32] is totally insignificant, so other technical parameters (like the runtime or hardware complexity) may show certain difference.

Two useful and representative papers may be cited in text and added to the References list:

C. Rotariu, V. Manta, H. Costin, "Wireless Remote Monitoring System for Patients with Cardiac Pacemakers", 2012 International Conference and Exposition on Electrical and Power Engineering (EPE), 2012, Iasi, Romania, pp: 845-848, Oct. 25-27, 2012, doi: 10.1109/ICEPE.2012.6463828

H. Costin, C. Rotariu, I. Alexa, et al., TELEMON - A Complex System for Real Time Medical Telemonitoring, 11th Int. Congress of the IUPESM/World Congress on Medical Physics and Biomedical Engineering, Munich, Germany, Sept. 07-12, Vol. 25, PT 5, Book Series: IFMBE Proceedings, pp.: 92-96, Part: 5, Published: 2009 , doi: 10.1007/978-3-642-03904-1_25

Some English and editing errors:
- Abstract, row 2: attracted attention many researchers; correct: attracted attention of many researchers;
- Page 1, right, rows 61-62: "duration of murmurs, Tmur , and its location"; correct: … and their locations; the next phrase: … to access it; correct: to access them;
- Fig. 1, 3, etc: on X axis what does it mean t (detik) ? It must be rephrased in English;
- Page 4, Fig. 5, caption: "… and the separated unwanted signals."; correct: and the separated unwanted signals, respectively;
- Page 4, left, rows 53-54: "in the third figure of Fig. 6"; correct: in the third figure of Fig. 5;
- Page 5, right, row 37: "An equation in (11)" ; correct: (11) is not an equation, but a formula.
In general, the whole paper must be attentively proofread by a skilled person in English language, as there are many language errors.

I hope now all these problems will be approached by the authors. The entire first evaluation is attached here.

Comment from Reviewer ID: 46

Attachments:

    AECE_7518_paper_review.docx

Date: 2021-01-18 01:40:44
Name: AECE Support

Message:

Dear Jusak Jusak,

Please update the paper taking into account the complete review listed in this ticket.

Kind regards,

Eugen COCA
http://www.aece.ro/support

Rated as helpful

Date: 2021-01-18 07:26:01
Name: Jusak Jusak

Message:

Dear AECE Editors,

We have revised the paper according to the reviewer's comments. Here we attach two files:
1. Response to the reviewers' comments,
2. The revised paper.

The authors would like to appreciate very much for the rigorous review from the reviewers to increase the quality of our paper.

We're looking forward to the publication decision of the paper.

Our best regards,
Dr. Jusak Jusak

Attachments:

 Response_to_reviewers_comments_paperID_7518.doc
 AECE_Jusak_Final_97-2003_Revise_after_Review.doc

Date: 2021-01-18 11:36:05
Name: AECE Support

Message:

Dear Jusak Jusak,

This message with the modified paper and response to reviewers' comments/recommendations/observations is available now in the paper reviewing interface. They will respond here and you will be able to conduct a dialogue with the evaluators in this ticket.

Until their response, please do not add any other message here. For other problems, please open a new support ticket.

Kind regards,

Eugen COCA
http://www.aece.ro/support

Was this reply helpful? yes / no

Date: 2021-02-06 09:00:19
Name: AECE Support

Message:

Dear Jusak Jusak,

You have to increase the quality of figures and to enlarge them as many details are not visible when the paper is printed.

Kind regards,

Eugen COCA
http://www.aece.ro/support

Was this reply helpful? yes / no

Date: 2021-02-07 07:36:31
Name: Jusak Jusak

Message:

Dear Prof. Eugen COCA,

I have revised the paper according to your comments. All figures have been replaced with the good quality pictures and several of them have been enlarged.

Thank you for your feedback. Here I attach the revised paper.

Warmest regards,
Jusak Jusak

Attachments:
   AECE_Jusak_Final_97-2003_Revise_after_Review.doc

Date: 2021-02-07 10:02:57
Name: AECE Support

Message:

Dear Jusak Jusak,

1. Details on Figure 4, Figure 6, Figure 7, Figure 15 are not visible enough. Maybe you should try to crop the graphs only eliminating the white space borders around the graphs themselves.
2. There are math symbols in Tables 1, 2, 3 that are not edited with an equation editor. Check all the math symbols to be edited correctly (in the Figure 15 caption there are such symbols).
3. Tables must be numbered with roman numbers - see the template.
4. Table titles have to written as English language titles. See the template.

Kind regards,

Eugen COCA
http://www.aece.ro/support

Was this reply helpful? yes / no

Date: 2021-02-10 09:06:47
Name: Jusak Jusak

Message:

Deer Prof. Eugene,

Thank you very much indeed for your feedbacks. I have revised the paper according to the previous comments.

I have done the following:
1. All figures have been cropped and enlarged to get the detail more visible for printing.
2. Some Math symbols in the form of picture object have been rewritten using Math Equation editor.
3. Tables have been numbered using roman numbers according to the template.
4. The word 'Tabel' have been replaced with 'Table'.

Here I attach the revised paper for your consideration.

Kind regards,

Jusak Jusak

Attachments:
   AECE_Jusak_Final_97-2003_Revise_after_Review.doc

Date: 2021-02-10 10:02:06
Name: AECE Support

Message:

Dear Jusak Jusak,

-- Prepare the paper for publishing --

We strongly encourage you to review the submission and eventually make any necessary corrections before uploading the final version in Openconf.

Please check:

1. You strictly followed the paper template.
2. You put DOIs for the references.
3. Your paper has an even number of pages.
4. All details in figures and graphs may be visible when printed in black&white.

We encourage you to check if the paper can be converted in PDF format (using Adobe Acrobat or free software). If there are problems with the conversion, you have to solve them in the .doc file. If we cannot convert your file, we cannot publish it.

The latest paper version must be uploaded here:

https://www.aece.ro/openconf/author/upload.php

Sincerely yours,

AECE Support Team
http://www.aece.ro/support

Was this reply helpful? *yes* / *no*

Add reply

Message: *

Attachments:
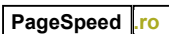
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