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Dear Sirs/Mesdames,

We are sending the manuscript of a paper entitled “Optimization of checking interval and adjustment limit for random-walking process including effects of adjustment uncertainty and time lag” for the publication in Acta IMEKO in a **special TC 21 issue**.

Three supplementary files have been attached with the main manuscript. The first is this pdf file. The second and the third are a csv file (Optimization\_of\_cheking\_interval\_and\_adjustment\_limt.csv) and an xlsx file (Optimization\_of\_cheking\_interval\_and\_adjustment\_limt.xlsx).

The attached csv file has been introduced in the main manuscript as the data set useful for efficient computation and a URL of our institute server is provided for the readers to obtain the data set. However, we would like to provide the data set as an online appendix if possible though the Acta IMEKO’s web site, because we cannot ensure the permanent providing with our institute’s server.

Therefore, we contacted to the chief editor of Acta IMEKO, Dr. Regtien, and asked him about the online appendix in advance. According to Dr. Regtien, “With respect to your particular question about CSV files we have some doubts whether this is a useful addition to the manuscript. ... we have no experience in this matter, so for the moment we could allow you to add the data file to your manuscript, and upload it as supplementary file. Next we will find out how the file can be connected to your manuscript and can be made accessible online.” (The emails between Dr. Regtien and me follow this letter for the purpose of reference.) Therefore we would like you to consider whether the csv is a useful addition to the manuscript.

If it is possible to upload the csv file as the online appendix, we would like to change appendix 2 in the main manuscript as follows:

#### **“APPENDIX 2: APPROXIMATE EQUATIONS AND REFERENCE TABLES**

The approximate equations for  $f$ ,  $g$  and  $h$  are provided in Table A1. It should be noted that the approximate equations are applicable only for the range of  $0.1 < \xi < 10$  and  $0 < \eta < 1$ . The reference tables for  $\log(f)$ ,  $\log(g)$ , and  $\log(h)$  for the range of  $0.001 < \xi < 1000$  and  $0 < \eta < 1$  are provided in [online appendix](#). In the calculation in the main manuscript, the reference tables and second-order interpolation are employed.”

And, we will shut down the web site which has been introduced in the present manuscript.

Moreover, the attached xlsx file is for Microsoft Excel 2007 or its later version. This xlsx file includes the macro program for the efficient computation using the data set in the csv file. We attached

it because we think it might be able to help the referees to review the paper. However, the program is imperfect at the present stage so that we cannot release this file as the online appendix. We are sorry for providing no manual on the usage of the software. But since the interface is very simple, we hope that the reviewers can use this software without the manual.

We would be grateful if the manuscript could be reviewed and considered for publication in Acta IMEKO.

Very sincerely yours,

Katsuhiro Shirono  
Dr. Environmental Studies  
Researcher

The followings are the emails between Dr. Regtien and me for the purpose of reference.  
#The following is the email from me to Dr. Regtien.

Dear Prof. Paul P. L. Regtien  
CC: Dr. Forbes

My name is Katsuhiro Shirono.  
I am a researcher of National Metrology Institute of Japan.  
Please forgive me for contacting you without previous notice.

Now I am preparing the article to submit it to ACTA IMEKO  
(for the forthcoming special TC 21 issue.)

I am sending you this mail  
because I would like to know if we can submit a data set as an online appendix.  
According to Author guidelines  
(<http://acta.imeko.org/index.php/acta-imeko/article/view/IMEKO-ACTA-00%282011%29-01-03/8>),  
I understand that we can send supplementary files on line.  
I want to know if the supplementary files are not only for the reviewers but also for the readers.  
The data set will be a CSV file less than 1 MB.

I would appreciate it if you could inform me of that.

Best regards,  
K. Shirono

#The following is the email from Dr. Regtien to me.  
Dear mr Katsuhiro Shirono,

Thanks for this interesting question.  
Acta IMEKO is a new journal and up to now we have used the option of supplementary files only for additional information for reviewers and editors.

An important feature of an electronic journal is the possibility of having additional files to the manuscript, for instance animations.  
On the other hand, we are a bit hesitant, because we want avoid too many uploads to the journal system that are not in the interest of our readers.

With respect to your particular question about CSV files we have some doubts whether this is a useful addition to the manuscript: when a reader is interested in the data file, he/she can always contact the author for this information and any other additional material.

However, we have no experience in this matter, so for the moment we could allow you to add the data file to your manuscript, and upload it as supplementary file. Next we will find out how the file can be connected to your manuscript and can be made accessible online (we just don't know yet).

So please be so kind as to submit your manuscript according to the instructions for authors, and add the data file as supplementary file. Next we will start the processing of the documents and keep you informed about the results.

Thank you for your interest in Acta IMEKO,  
Best wishes,

Paul Regtien