

1. Submit ke jurnal Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI) (25Maret 2022)
2. Editor Decision: Revision Required (4 April 2022)
3. Submit Revisi (14 April 2022)
4. Editor Decision: Accept Submission (14 April 2022)
5. Pengiriman LOA (14 April 2022)
6. Diskusi Persiapan Publikasi (16 Mei 2022)

**1.Submit ke jurnal Jurnal Ilmiah Teknik Elektro Komputer dan  
Informatika (JITEKI) (25Maret 2022)**

Browser tabs: Fwd: [JITEKI] Submission Ackno... Rachmatullah, The Application...  
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Main sidebar: Tulis, Kotak Masuk (4,944), Berbintang, Ditunda, Terkirim, Draft (54), Selengkapnya, Label (+)  
Right sidebar: 12 dari 14, 311, +, >

Forwarded message:  
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Dari: **Alfian Ma'arif** <alfianmaarif@ee.uad.ac.id>  
Date: Jum, 25 Mar 2022 pukul 20.43  
Subject: [JITEKI] Submission Acknowledgement  
To: Mr. Muhammad Ibnu Choldun Rachmatullah <ibnucholdun@poltekpos.ac.id>

Dear Mr. Muhammad Ibnu Choldun Rachmatullah,

Thank you for submitting the manuscript, "Proposed Modification of K-Means Clustering Algorithm with Distance Calculation Based on Correlation" to Jurnal Ilmiah Teknik Elektro Komputer dan Informatika. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL:  
<http://journal.uad.ac.id/index.php/JITEKI/author/submission/23696>  
Username: ibnucholdun

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

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**2.Editor Decision: Revision Required (4 April 2022)**

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Ditunda

Terkirim

Draf 54

Selengkapnya

Label +

[JITEKI] Editor Decision Eksternal Kotak Masuk x

10 dari 14

Alfian Ma'arif <alfianmaarif@ee.uad.ac.id> kepada saya

Sen, 4 Apr 2022, 10:28

Dear Muhammad Ibnu Choldun Rachmatullah,

We have reached a decision regarding your submission to Jurnal Ilmiah Teknik Elektro Komputer dan Informatika (JITEKI) with the title, "Proposed Modification of K-Means Clustering Algorithm with Distance Calculation Based on Correlation"

Our decision is: Revision Required

The detail of the comment is as follow.

Comment of Editor:

>> Please state the research contribution at the end of the introduction, and abstract for example "The research contribution is..." We need at least two research contributions.

The Method contains an explanation of the research method and the proposed method. This section can include research diagrams, system block diagrams, wiring diagrams, or flowcharts diagrams. Please see the guide to make the block diagram or flowchart in the link <https://youtu.be/DN-OdkCMCNM> and <https://youtu.be/spHxAb138xc>

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[JITEKI] Editor Decision - ibnu... Rachmatullah, The Application

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In Results and Discussion section, Please provide a comparison to a similar method from previous works (includes citation) to enhance the research contribution.

The minimal References are 40 from an English Journal that was published 5 years ago and used IEEE Style. The reference must be from IEEE Xplore or Science Direct. All references must have Digital Object Identifier (DOI) or permanent link. See guide to get high quality references from IEEE xplore <https://youtu.be/2dqiF6Xrs8c>

Please use Mendeley to make the references.

The Figure must be in PNG format with 600-1200 dpi. Please don't crop, or use snipping and print-screens tools. Otherwise, the image resolution will be compromised. The images using vector format (EWM) are better.

The Tabel must be made using the Insert Table feature not from the cropping table as an image.

The Equation must be made using Insert Equation. We suggest using 3 columns of the table to help, and then to make the equation in the middle of the column and the number of the equation on the right-side column. The variable in the equation must be given information. Please see the guide in the link on how to make the equation in word and give the equation number. [https://youtu.be/O57\\_TU5vGA](https://youtu.be/O57_TU5vGA)

All of the figures, tables, and equations must be explained, please give some explanation, information, or analysis. All of the figures and tables must be given by some analysis at least one paragraph.

>> Please use Grammarly to check your manuscript. The free Grammarly is enough for fixing some typos and grammar mistakes.

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Windows taskbar and browser window showing a Gmail interface. The browser tabs include "[JITEKI] Editor Decision - ibnu..." and "Rachmatullah, The Application...". The address bar shows the URL: <https://mail.google.com/mail/u/0/#search/jiteki/FMfcgzGmrvnxngQnkpXMJbvWlpMWdNv>. The Gmail interface shows a search for "jiteki" and a list of labels: "Kotak Masuk" (4,944), "Berbintang", "Ditunda", "Terakhir", "Draf" (54), and "Selengkapnya". The email content is as follows:

>> Please use the template journal and make sure the percentage of plagiarism is under 25% or the manuscript will be rejected.

>> The minimal pages are 8 included references.

=====

Comment of Reviewers

>>

Expect a minimum of 40 references primarily with a minimum of 80% to international journal papers from Science Direct or indexed by Scopus Database and choose IEEE style

There is a statement that needs to be explained further

The introduction has explained the use of k-means to improve performance. However, it is necessary to add a literature review regarding methods similar to this study, particularly the modification of K-means with distance calculations based on correlations in published journals.

In the calculation of correlation, why use the absolute value? Need to be explained if necessary, citations to strengthen the explanation. In addition, why the values of the three comparisons have negative values also need to be explained.

From the clustering process using k-means modification, it is necessary to explain why the data sample used is that (5, 65, 125; 20, 80, 140)? It needs to be clarified with the cited correlation table.

Windows taskbar and browser window showing a Gmail interface. The browser tabs include "[JITEKI] Editor Decision - ibnu..." and "Rachmatullah, The Application...". The address bar shows the URL: <https://mail.google.com/mail/u/0/#search/jiteki/FMfcgzGmrvnxngQnkpXMJbvWlpMWdNv>. The Gmail interface shows a search for "jiteki" and a list of labels: "Kotak Masuk" (4,944), "Berbintang", "Ditunda", "Terakhir", "Draf" (54), and "Selengkapnya". The email content is as follows:

Table 6 and Fig. 2 have the same information (redundancy), so Fig. 2 was better to be omitted because the information is already in Table 6.

Please check the calculation from the original K-means. Is it true 82.57? calculated from where?

All tables and figures must be cited with numbers for clarity. In addition, provide explanations and discussions!

Please use tools to check English such as Grammarly or languagetool.

Please add the DOI in the references. For example,

E. Widya Suseno and A. Ma'arif, "Tuning of PID Controller Parameters with Genetic Algorithm Method on DC Motor," International Journal of Robotics and Control Systems, vol. 1, no. 1, pp. 41-53, 2021, <https://doi.org/10.31763/ijrcs.v1i1.249>.

=====

Please, login to the **JITEKI** website and find the PDF / Docx file from a reviewer in the review part.

The author needs to revise the manuscript based on the editor and reviewer's suggestions, advice, and comment. Then, send the revision manuscript using the **JITEKI** journal website system. Please highlight the change using the yellow/green color in the revised manuscript.

Don't make a new submission, upload it on your previous submission. The maximal file is 2MB.



**3.Submit Revisi (14 April 2022)**



#23696 Review

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Email 2: [alfianmaarif@ee.uad.ac.id](mailto:alfianmaarif@ee.uad.ac.id)

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**4.Editor Decision: Accept Submission (14 April 2022)**

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Kotak Masuk 4,944

Berbintang

Ditunda

Terkirim

Draf 54

Selengkapnya

Label +

9 dari 14

[JITEKI] Editor Decision Eksternal Kotak Masuk x

Alfian Ma'arif <alfianmaarif@ee.uad.ac.id> kepada saya

Kam, 14 Apr 2022, 21:28

Dear Mr. Muhammad Ibnu Choldun Rachmatullah,

We have reached a decision regarding your submission to Jurnal Ilmiah Teknik Elektro Komputer dan Informatika, "Proposed Modification of K-Means Clustering Algorithm with Distance Calculation Based on Correlation".

Our decision is to: Accept Submission.

I recommend adding a co-author from another country. Thank you.

Best regards,  
Assist. Prof. Alfian Ma'arif  
Universitas Ahmad Dahlan  
[alfianmaarif@ee.uad.ac.id](mailto:alfianmaarif@ee.uad.ac.id)  
Editor  
Jurnal Ilmiah Teknik Elektro Komputer dan Informatika  
<http://journal.uad.ac.id/index.php/JITEKI>

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## **5.Pengiriman LOA (14 April 2022)**



## **6.Diskusi Persiapan Publikasi (16 Mei 2022)**

[JITEKI] Camera Ready Paper - ii X Rachmatullah, The Application X +

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Alfian Ma'arif <alfianmaarif@ee.uad.ac.id> kepada saya

Sen, 16 Mei 2022, 16.55

Dear Dr.,

Your paper in **JITEKI** with the title Proposed Modification of K-Means Clustering Algorithm with Distance Calculation Based on Correlation is almost ready to publish. Please change references number [31] or [35], also [37] or [40]. It is the same references.

Please send it as soon as possible. Thank you.

Best regards,  
Alfian Ma'arif

Satu lampiran • Dipindai dengan Gmail

13 Proposed Modi...

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Berbintang

Ditunda

Terkirim

Draf 54

Selengkapanya

Label +

6 dari 14

Muhamad Ibnu Choldun Rachmatullah - <ibnuholdun@poltekpos.ac.id> kepada Alfian

Sen, 16 Mei 2022, 20.45

Dear Mr. Alfian Ma'arif,

Thanks for your correction.

For reference number 31 should be

[31] A. Chakraborty, A. Punhani, N. Faujdar, and S. Saraswat, "Comparative Study of K-Means Clustering Using Iris Data Set for Various Distances," 2020 10th Int. Conf. Cloud Comput. Data Sci. Eng., pp. 332-335, 2020. <https://doi.org/10.1109/Confluence47617.2020.9058328>

For reference number 40 should be

[40] M. Sakthi and A. S. Thanamani, "An Effective Determination of Initial Centroids in K-Means Clustering Using Kernel PCA," International Journal of Computer Science and Information Technologies, vol. 2, no. 3, pp. 955-959, 2011. <http://citeseerx.ist.psu.edu/viewdoc/download?rep=rep1&type=pdf&doi=10.1.1.206.2170>

Thank you.

Best regards,

Ibnu Choldun

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