

LEMBAR PEER REVIEW
HASIL PENILAIAN SEJAWAT SEBIDANG
KARYA ILMIAH: JURNAL ILMIAH INTERNASIONAL

Judul Artikel Ilmiah : *Capturing Strategies and Difficulties in Solving Negative Integers: A Case Study of Instrumental Understanding*
 Penulis Artikel Ilmiah : **Mohammad Faizal Amir***, Mahardika Darmawan Kusuma Wardana, Miftakhul Zannah, Hendra Erik Rudyanto, Nur Qomariyah Nawafilah
 Status Penulis : ~~Mandiri~~ / ~~Utama~~ / ~~Anggota~~ (*Penulis Korespondensi)
 Identitas Jurnal Ilmiah : a. Nama jurnal : *Acta Scientiae* (Scopus Q3)
 b. Vol. / No. : Volume 24 Issue 2
 c. Edisi : Mar-Apr
 d. Penerbit : Lutheran University of Brazil
 e. Halaman : 64-87

Kategori Publikasi Jurnal Ilmiah : Jurnal Ilmiah Internasional Bereputasi
 (beri ✓ pada kategori yang tepat) Jurnal Ilmiah Internasional

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah (isikan di kolom yang sesuai)		
	Jurnal Ilmiah Internasional bereputasi (Maks. 40)	Jurnal Ilmiah Internasional (Maks. 20)	Nilai Akhir Yang Diperoleh
Kelengkapan dan kesesuaian unsur isi jurnal (10%)	4		2,4
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Total = (100%)	40		
Kontribusi pengusul (penulis Mandiri / Utama / Anggota)	60%		21,0
KOMENTAR/ULASAN PEER REVIEW			
Kelengkapan dan kesesuaian unsur isi jurnal	Memenuhi dan sesuai dengan isi jurnal		
Ruang lingkup dan kedalaman pembahasan	Baik dan cukup dalam analisis dan pembahasan		
Kecukupan dan kemitakhiran data/informasi dan metodologi	Referensi dan metodologi baru dan mutakhir		
Kelengkapan unsur dan kualitas penerbit	Penerbit baik terindeks scopus Q3 dan lengkap		
Relevansi artikel dengan bidang ilmu penulis	relevan dg bid. pend. mat untuk pend. dasar		
Indikasi plagiasi	3% dy sangat original dan baik		

Sidgarjo, 25 Maret 2022
 Reviewer 1



Prof. Dr. Tatag Yuli Eko Siswono, M.Pd.
 NIP : 197107082000031001
 Unit kerja : FMIPA UNESA
 Jabatan Fungsional : Guru Besar
 Bidang ilmu : Pendidikan Matematika

LEMBAR PEER REVIEW
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Kelengkapan dan kesesuaian unsur isi jurnal (10%)	4		4
Ruang lingkup dan kedalaman pembahasan (30%)	12		11
Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	12		11
Kelengkapan unsur dan kualitas penerbit (30%)	12		10,5
Total = (100%)	40		36,5
Kontribusi pengusul (penulis Mandiri/ Utama / Anggota)	60%		21,9
KOMENTAR/ULASAN PEER REVIEW			
Kelengkapan dan kesesuaian unsur isi jurnal	Cukup dan sesuai unsur isi jurnal		
Ruang lingkup dan kedalaman pembahasan	Sangat memadai dan dalam		
Kecukupan dan kemutakhiran data/informasi dan metodologi	Sangat bagus dan mutakhir		
Kelengkapan unsur dan kualitas penerbit	kualitas bagus		
Relevansi artikel dengan bidang ilmu penulis	Sangat relevan		
Indikasi plagiasi	3%		

Sidoarjo, 24 Maret 2022
 Reviewer 2



Dr. Masriyah, M.Pd.
 NIP : 1960021989032002
 Unit kerja : FMIPA UNESA
 Jabatan Fungsional : Lektor Kepala
 Bidang ilmu : Pendidikan Matematika

KETERANGAN JURNAL INTERNASIONAL BEREPUTASI

→ Acta Scientiae (Scopus Q3), SJR 2021 (0.21), dengan Penerbit Lutheran University of Brazil

→ Acta Scientiae memiliki peringkat (CiteScore rank 2021):

✓ 1193 dari 1406 Journal pada *Social Sciences* → *Education Category*

✓ 98 dari 120 Journal pada *Multidisciplinary Category*



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Acta Scientiae

Scopus coverage years: from 2018 to Present

Publisher: Lutheran University of Brazil

ISSN: 1517-4492 E-ISSN: 2178-7727

Subject area: [Multidisciplinary](#) [Social Sciences: Education](#)

Source type: Journal

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CiteScore 2021
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SJR 2021
0.209

SNIP 2021
0.535

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CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data papers published in 2018-2021, and divides this by the number of publications published in 2018-2021. [Learn more](#) >

CiteScore **2021**
0.4 - $\frac{95 \text{ Citations 2018 - 2021}}{244 \text{ Documents 2018 - 2021}}$

Calculated on 05 May, 2022

CiteScoreTracker **2022**
0.5 - $\frac{94 \text{ Citations to date}}{184 \text{ Documents to date}}$

Last updated on 05 July, 2022 - Updated monthly

CiteScore rank 2021

Category	Rank	Percentile
Multidisciplinary	#98/120	18th
Social Sciences Education	#1193/1406	15th

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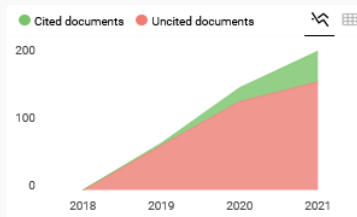
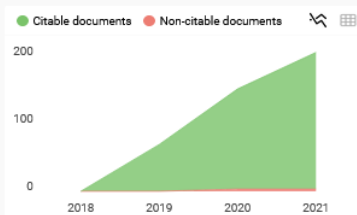
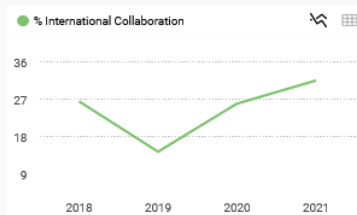
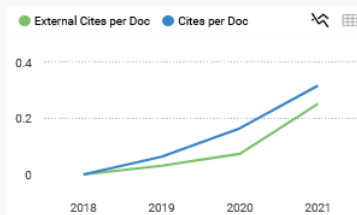
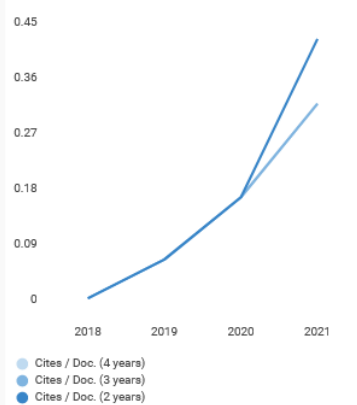
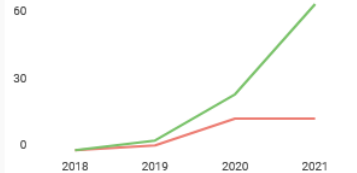
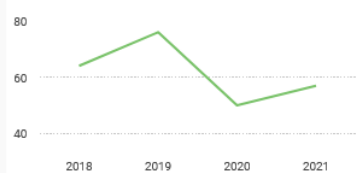
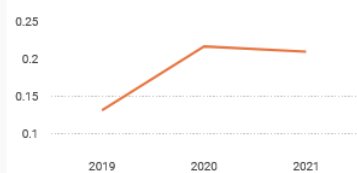
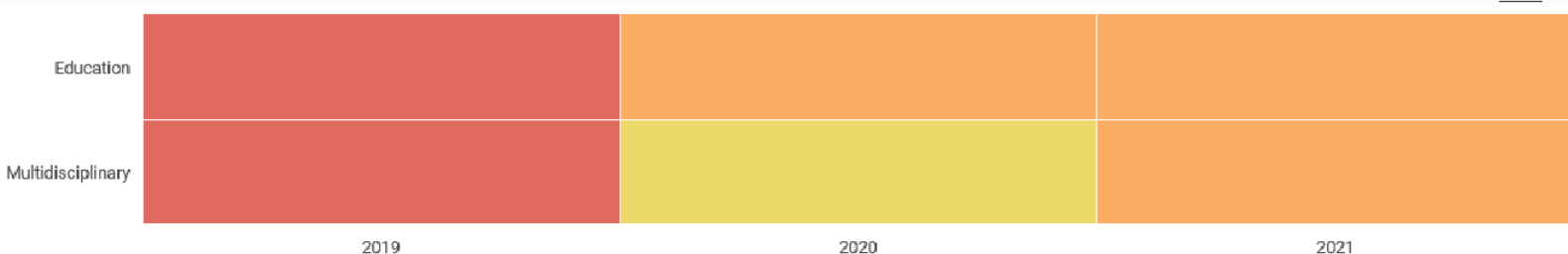
Atau Sumber Scimago:

<https://www.scimagojr.com/journalsearch.php?q=21100902661&tip=sid&clean=0>

Acta Scientiae

COUNTRY Brazil Universities and research institutions in Brazil	SUBJECT AREA AND CATEGORY Multidisciplinary └ Multidisciplinary Social Sciences └ Education	PUBLISHER Lutheran University of Brazil Universidade Luterana do Brasil in Scimago Institutions Rankings	H-INDEX 4
PUBLICATION TYPE Journals	ISSN 15174492, 21787727	COVERAGE 2018-2021	INFORMATION Homepage How to publish in this journal claudiag@ulbra.br

Quartiles



Acta Scientiae
Education
Q3
SJR 2021 0.21
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KETERANGAN KORESPONDENSI

Keterangan Korespondensi by Email → *Submission Acknowledgement*

The screenshot displays a Gmail interface with a search bar at the top containing "acta scientiae". The left sidebar shows the "Mail" section with "Inbox" (258), "Starred", "Snoozed", "Sent", "Drafts" (135), and "More". Below the mail section are "Chat" and "Spaces" (No spaces yet), and "Meet". The main content area shows an email titled "[AS] Submission Acknowledgement" (External, Inbox x) received on Feb 9, 2021, at 3:52 PM. The sender is Claudia Lisete Oliveira Groenwald (notifica.periodicos@ulbra.br) and the recipient is Mohammad Faizal Amir. The email body contains the following text:

Thank you for submitting the manuscript, "Capturing Strategies and Difficulties in Solving Negative Integers: A Case Study of Instrumental Understanding" to **ACTA SCIENTIAE**.

Please note that if your work has not already been submitted in English, if accepted, you will be asked for an English version of it to be published jointly. You will also be charged R\$30 for DOI (Digital Object Identifier) registration with CrossRef.

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:

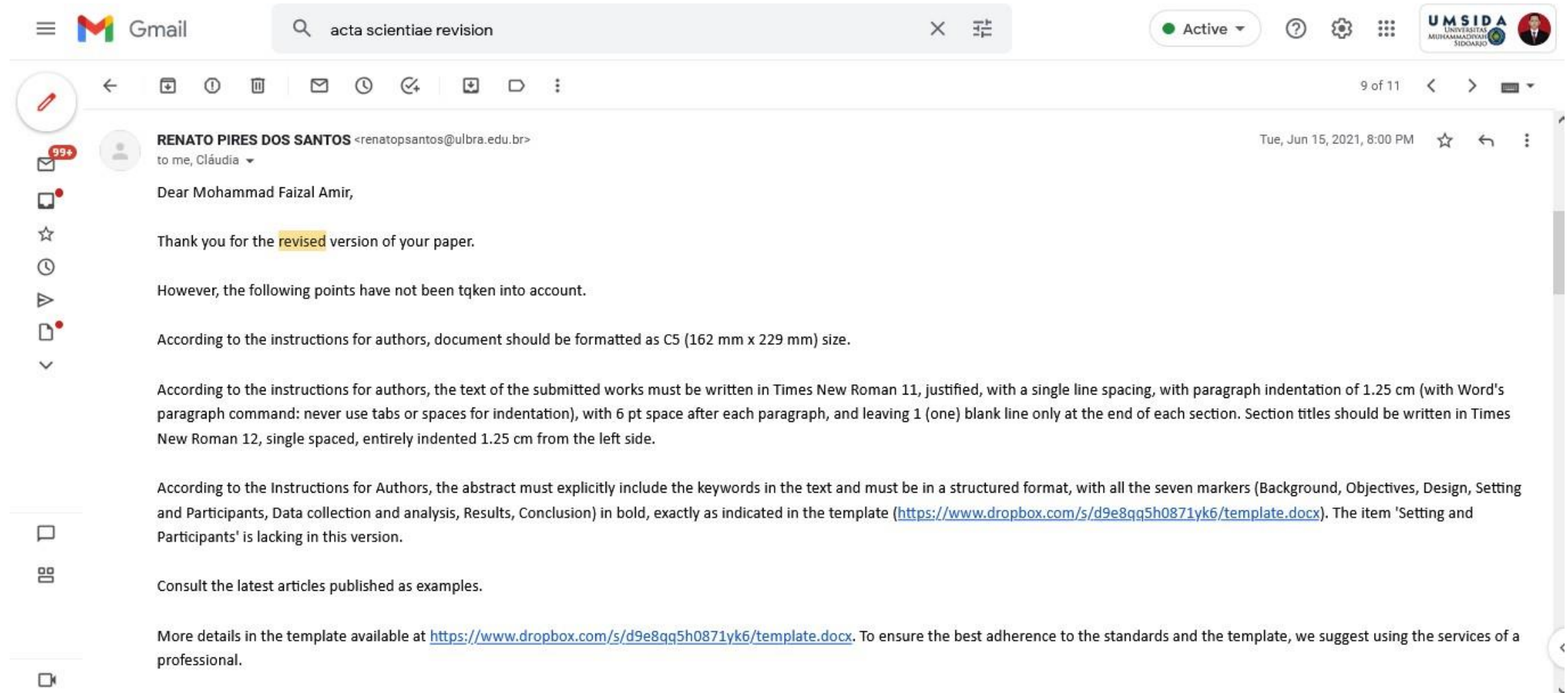
Manuscript URL:
<http://www.periodicos.ulbra.br/index.php/acta/author/submission/6432>
Username: faizal

If you have any questions, please contact us by e-mail: claudiag@ulbra.br

Thank you for considering this journal as a venue for your work

Claudia Lisete Oliveira Groenwald
ACTA SCIENTIAE
Acta Scientiae
<http://periodicos.ulbra.br/index.php/acta>

Keterangan Korespondensi by Email → Permintaan revisi (Contoh)



The screenshot shows a Gmail interface with the search bar containing "acta scientiae revision". The email is from Renato Pires dos Santos (renatopsantos@ulbra.edu.br) to Cláudia, dated Tuesday, June 15, 2021, at 8:00 PM. The email content is as follows:

Dear Mohammad Faizal Amir,

Thank you for the revised version of your paper.

However, the following points have not been taken into account.

According to the instructions for authors, document should be formatted as C5 (162 mm x 229 mm) size.

According to the instructions for authors, the text of the submitted works must be written in Times New Roman 11, justified, with a single line spacing, with paragraph indentation of 1.25 cm (with Word's paragraph command: never use tabs or spaces for indentation), with 6 pt space after each paragraph, and leaving 1 (one) blank line only at the end of each section. Section titles should be written in Times New Roman 12, single spaced, entirely indented 1.25 cm from the left side.

According to the Instructions for Authors, the abstract must explicitly include the keywords in the text and must be in a structured format, with all the seven markers (Background, Objectives, Design, Setting and Participants, Data collection and analysis, Results, Conclusion) in bold, exactly as indicated in the template (<https://www.dropbox.com/s/d9e8qq5h0871yk6/template.docx>). The item 'Setting and Participants' is lacking in this version.

Consult the latest articles published as examples.

More details in the template available at <https://www.dropbox.com/s/d9e8qq5h0871yk6/template.docx>. To ensure the best adherence to the standards and the template, we suggest using the services of a professional.

More details in the template available at <https://www.dropbox.com/s/d9e8qg5h0871yk6/template.docx>. To ensure the best adherence to the standards and the template, we suggest using the services of a professional.

Please, urgently, correct your submission by uploading a **revised** version of the work in this same submission, as a 'supplementary document', without which your work will not be evaluated.

Regards,

Renato P. dos Santos
mobile (WhatsApp enabled): +55 51 99914-1957
DSc (Physics)
Acta Scientiae Vice-Editor-in-Chief
Associate Professor
PPGECIM - Mathematics and Science Education Doctoral Program
ULBRA - Lutheran University of Brazil
ORCID: <http://orcid.org/0000-0003-1427-9973>
LinkedIn: <http://www.linkedin.com/in/RenatoPdosSantos>

From: Cláudia Lisete Oliveira Groenwald <claudiag@ulbra.br>
Sent: 10 June 2021 10:42
To: RENATO PIRES DOS SANTOS <renatopsantos@ulbra.edu.br>
Subject: Fwd: Re-confirm the **revision** results

Por favor responda essa mensagem
obrigada
Claudia
...

Keterangan Korespondensi by Email → Korespondensi Konfirmasi Telah melakukan revisi

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9 of 11

[message clipped] [view entire message](#)

mohammad faizal amir <faizal.amir@umsida.ac.id> to RENATO

Dear Renato P. dos Santos
Acta Scientiae Vice-Editor-in-Chief

We would like to confirm that we have uploaded the third **revised** manuscript through the OJS system as a 'supplementary document' in the 'Add a Supplementary File' menu as you suggested. We attach the **revised** manuscript to this email. The title of our manuscript is "Capturing Strategies and Difficulties in Solving Negative Integers: A Case Study of Instrumental Understanding" with ID 6432.

We note that the previously **revised** manuscript has undergone improvements, but there are still six points that need to be **revised** or followed up. We attach a list of these points along with our improvement comments in the manuscript through the comments column. You can check it. The six points and our comments are as follows:

- According to the instructions for authors, document should be formatted as C5 (162 mm x 229 mm) size.
Responses: Thanks for the advice. We realize we haven't adjusted it yet. However, we have adjusted it this time. You can check it further in the **revised** manuscript.
- According to the instructions for authors, the text of the submitted works must be written in Times New Roman 11, justified, with a single line spacing, with paragraph indentation of 1.25 cm (with Word's paragraph command: never use tabs or spaces for indentation), with 6 pt space after each paragraph, and leaving 1 (one) blank line only at the end of each section. Section titles should be written in Times New Roman 12, single spaced, entirely indented 1.25 cm from the left side.
Responses: Thanks for the advice. We realize we haven't adjusted it yet. However, we have adjusted it this time. You can check it further in the **revised** manuscript.
- According to the Instructions for Authors, the abstract must explicitly include the keywords in the text and must be in a structured format, with all the seven markers (Background, Objectives, Design, Setting and Participants, Data collection and analysis, Results, Conclusion) in bold, exactly as indicated in the template (<https://www.dropbox.com/s/d9e8qq5h0871yk6/template.docx>). The item 'Setting and Participants' is lacking in this version.
Responses: Thanks for the advice. We are aware that the item 'Settings and Participants' is not appropriate. We **revised** it in the abstract with "Setting and Participants: 5th Grade elementary school students who have studied the material on negative integer operations in Sukodono, Indonesia. One of the students that has the most varied instrumental understanding and representation strategy was chosen as a case study." In addition, we have also adapted it to the abstract section with the Portuguese language.
- Consult the latest articles published as examples.
Responses: Thanks for the advice. We have also studied more about the latest articles published in your journal, namely volume 23 No. 3, including articles with the following link:
<http://www.periodicos.ufrba.br/index.php/acta/article/view/6389>

4. Consult the latest articles published as examples.

Responses: Thanks for the advice. We have also studied more about the latest articles published in your journal, namely volume 23 No. 3, including articles with the following link:

<http://www.periodicos.ulbra.br/index.php/acta/article/view/6389>

<http://www.periodicos.ulbra.br/index.php/acta/article/view/6408>

5. More details in the template available at <https://www.dropbox.com/s/d9e8qq5h0871yk6/template.docx>. To ensure the best adherence to the standards and the template, we suggest using the services of a professional.

Responses: We as a team of writers have discussed and used the services of a professional at our university. However, if there are points that are still lacking, we ask for suggestions. Are there services of a professional provided by your journal? Once again we ask for your advice. Thank you.

6. Please, urgently, correct your submission by uploading a revised version of the work in this same submission, as a 'supplementary document', without which your work will not be evaluated.

Response: Thanks for the directions. We have uploaded the manuscript along with any information that has been revised as a 'supplementary document' in the 'Add a Supplementary File' menu.

We convey thank you very much for your input and hope that our revision meets the criteria for Acta Scientia for further processing. Finally, we hope that our manuscript gets feedback so that it might later be considered acceptable.

Best Regards,
Mohammad Faizal Amir

...



Keterangan Korespondensi by Email → Accepted pada tanggal 22 Maret 2020

acta scientiae

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6 of 27

[AS] Editor Decision External Inbox x

Renato P. dos Santos <notifica.ulbra@gmail.com>
to me, Mahardika, Miftakhul, Hendra, Nur

Mar 22, 2022, 1:03 AM

Mohammad Faizal Amir:

We have reached a decision regarding your submission to **ACTA SCIENTIAE**,
"Capturing Strategies and Difficulties in Solving Negative Integers: A Case
Study of Instrumental Understanding".

Our decision is to: **Accept Submission**

In addition, a fee of R\$ 100 is charged for DOI registration with CrossRef.
This amount can be paid by deposit to account

Bank: Bank of Brazil
Agency: 0479-0
Current Account: 123037-9
CNPJ: 03286299/0001 80
Project / Account: CIEM

Afterwards, it is necessary to send the deposit slip to the following email
address: RenatoPSantos@ulbra.edu.br.



However, we know that, unfortunately, the fees charged by banks for international transfers are very high, often higher than the DOI rate itself. As an alternative, we will send a payment request via PayPal of BRL107.50 (including the R\$7.50 fee deducted by PayPal), which is much more affordable. It will be transformed into the deposit of R\$ 100.00 in the PPGECIM account, with sending the due receipt of deposit to the authors.

Note, however, that as soon as we have the final version in English, the work will appear published in the online edition without the corresponding .pdf files until the editing process is completed.

Regards,

Renato P. dos Santos
PPGECIM - Doctoral Program in Science and Mathematics Education,
Ulbra - Lutheran University of Brazil,
Canoas, RS
Phone (51) 3477-9278
Fax (51) 3477-9239
renatopsantos@ulbra.edu.br

Renato P. dos Santos
DSc (Physics)
Acta Scientiae Vice-Editor-in-Chief

Acta Scientiae
<http://periodicos.ulbra.br/index.php/acta>



Letter of Acceptance

We are pleased to inform that the article titled *Capturing Strategies and Difficulties in Solving Negative Integers: A Case Study of Instrumental Understanding*, authored by Mohammad Faizal Amir, Mahardika Darmawan Kusuma Wardana, Miftakhul Zannah, Hendra Erik Rudyanto, and Nur Qomariyah Nawafilah, was accepted for publication in the journal Acta Scientiae, and will be included in the next 24(2), March/April 2022, edition.

We take this opportunity to remind you that Acta Scientiae does not charge article processing fees (APC) or submission fees, but that, according to the journal's procedures, a fee of R\$50.00 is charged for the registration of the DOI (Digital Object Identifier) of the article with the CrossRef company.

Sincerely,

Canoas, March 28, 2022

Renato P. dos Santos

Acta Scientiae Vice-Editor-in-Chief