



Andang Sunarto &lt;andang99@gmail.com&gt;

**[Symmetry] Manuscript ID: symmetry-1224888 - Submission Received**

1 pesan

**Editorial Office** <symmetry@mdpi.com>

30 April 2021 22.06

Balas Ke: symmetry@mdpi.com

Kepada: Andang Sunarto &lt;andang99@gmail.com&gt;

Cc: Praveen Agarwal &lt;goyal.praveen2011@gmail.com&gt;, Jackel Vui Lung Chew &lt;jackelchew93@ums.edu.my&gt;, Jumat Sulaiman &lt;jumat@ums.edu.my&gt;

Jumat Sulaiman &lt;jumat@ums.edu.my&gt;

Dear Dr. Sunarto,

Thank you very much for uploading the following manuscript to the MDPI submission system. One of our editors will be in touch with you soon.

Journal name: Symmetry

Manuscript ID: symmetry-1224888

Type of manuscript: Article

Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation

Authors: Andang Sunarto \*, Praveen Agarwal, Jackel Vui Lung Chew \*, Jumat Sulaiman

Received: 30 April 2021

E-mails: [andang99@gmail.com](mailto:andang99@gmail.com), [goyal.praveen2011@gmail.com](mailto:goyal.praveen2011@gmail.com),[jackelchew93@ums.edu.my](mailto:jackelchew93@ums.edu.my), [jumat@ums.edu.my](mailto:jumat@ums.edu.my)

Submitted to section: Mathematics and Symmetry,

[https://www.mdpi.com/journal/symmetry/sections/mathematics\\_symmetry](https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry)

You can follow progress of your manuscript at the following link (login required):

[https://susy.mdpi.com/user/manuscripts/review\\_info/d25b279abcc1cfbd31f516249c36802e](https://susy.mdpi.com/user/manuscripts/review_info/d25b279abcc1cfbd31f516249c36802e)

The following points were confirmed during submission:

1. Symmetry is an open access journal with publishing fees of 1800 CHF for an accepted paper (see <https://www.mdpi.com/about/apc/> for details). This manuscript, if accepted, will be published under an open access Creative Commons CC BY license (<https://creativecommons.org/licenses/by/4.0/>), and I agree to pay the Article Processing Charges as described on the journal webpage (<https://www.mdpi.com/journal/symmetry/apc>). See <https://www.mdpi.com/about/openaccess> for more information about open access publishing.

Please note that you may be entitled to a discount if you have previously received a discount code or if your institute is participating in the MDPI Institutional Open Access Program (IOAP), for more information see <https://www.mdpi.com/about/ioap>. If you have been granted any other special discounts for your submission, please contact the Symmetry editorial office.

2. I understand that:

a. If previously published material is reproduced in my manuscript, I will provide proof that I have obtained the necessary copyright permission.

(Please refer to the Rights & Permissions website:

<https://www.mdpi.com/authors/rights>).

b. My manuscript is submitted on the understanding that it has not been published in or submitted to another peer-reviewed journal. Exceptions to this rule are papers containing material disclosed at conferences. I confirm that I will inform the journal editorial office if this is the case for my manuscript. I confirm that all authors are familiar with and agree with submission of the contents of the manuscript. The journal editorial office reserves the right to contact all authors to confirm this in case of doubt. I will provide email addresses for all authors and an institutional e-mail address for at least one of the co-authors, and specify the name, address and e-mail for invoicing purposes.

If you have any questions, please do not hesitate to contact the Symmetry editorial office at [symmetry@mdpi.com](mailto:symmetry@mdpi.com)

Kind regards,

Symmetry Editorial Office  
St. Alban-Anlage 66, 4052 Basel, Switzerland  
E-Mail: [symmetry@mdpi.com](mailto:symmetry@mdpi.com)  
Tel. +41 61 683 77 34  
Fax: +41 61 302 89 18

\*\*\* This is an automatically generated email \*\*\*



Andang Sunarto &lt;andang99@gmail.com&gt;

**[Symmetry] Manuscript ID: symmetry-1224888 - Assistant Editor Assigned**

1 pesan

**Renee Chang** <renee.chang@mdpi.com>

2 Mei 2021 00.27

Balas Ke: renee.chang@mdpi.com

Kepada: Andang Sunarto &lt;andang99@gmail.com&gt;

Cc: Renee Chang &lt;renee.chang@mdpi.com&gt;, Praveen Agarwal &lt;goyal.praveen2011@gmail.com&gt;, Jackel Vui Lung Chew &lt;jackelchew93@ums.edu.my&gt;, Jumat Sulaiman &lt;jumat@ums.edu.my&gt;, Symmetry Editorial Office &lt;symmetry@mdpi.com&gt;

Dear Dr. Sunarto,

Your manuscript has been assigned to Renee Chang for further processing who will act as a point of contact for any questions related to your paper.

Journal: Symmetry

Manuscript ID: symmetry-1224888

Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation

Authors: Andang Sunarto \*, Praveen Agarwal, Jackel Vui Lung Chew \*, Jumat Sulaiman

Received: 30 April 2021

E-mails: [andang99@gmail.com](mailto:andang99@gmail.com), [goyal.praveen2011@gmail.com](mailto:goyal.praveen2011@gmail.com), [jackelchew93@ums.edu.my](mailto:jackelchew93@ums.edu.my), [jumat@ums.edu.my](mailto:jumat@ums.edu.my)

You can find it here:

[https://susy.mdpi.com/user/manuscripts/review\\_info/d25b279abcc1cfbd31f516249c36802e](https://susy.mdpi.com/user/manuscripts/review_info/d25b279abcc1cfbd31f516249c36802e)

Best regards,

Ms. Renee Chang

Assistant Editor

Email: [renee.chang@mdpi.com](mailto:renee.chang@mdpi.com)/Symmetry/ (IF: 2.645 <https://www.mdpi.com/journal/symmetry>)Linkedin: <https://www.linkedin.com/in/symmetry-basel/>Twitter: [https://twitter.com/Symmetry\\_MDPI](https://twitter.com/Symmetry_MDPI)

Symmetry 2021: The 3rd International Conference on Symmetry

8 August 2021-13 August 2021, Beer Sheva, Israel

<https://sciforum.net/conference/Symmetry2021>

--

Disclaimer: MDPI recognizes the importance of data privacy and protection. We treat personal data in line with the General Data Protection Regulation (GDPR) and with what the community expects of us. The information contained in this message is confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this message in error, please notify me and delete this message from your system. You may not copy this message in its entirety or in part, or disclose its contents to anyone.

--

MDPI Branch Office, Suite 305, Zhongjia Mansion, Building No.13, Taiyangyuan



Andang Sunarto &lt;andang99@gmail.com&gt;

---

**[Symmetry] Manuscript ID: symmetry-1224888 - Major Revisions + add symmetry**1 pesan

---

**Symmetry Editorial Office** <symmetry@mdpi.com>

21 Mei 2021 14.20

Balas Ke: renee.chang@mdpi.com

Kepada: Andang Sunarto &lt;andang99@gmail.com&gt;

Cc: Praveen Agarwal <goyal.praveen2011@gmail.com>, Jackel Vui Lung Chew <jackelchew93@ums.edu.my>,  
Jumat Sulaiman <jumat@ums.edu.my>, Symmetry Editorial Office <symmetry@mdpi.com>

Dear Dr. Sunarto,

Thank you again for your manuscript submission:

Manuscript ID: symmetry-1224888

Type of manuscript: Article

Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation

Authors: Andang Sunarto \*, Praveen Agarwal, Jackel Vui Lung Chew \*, Jumat Sulaiman

Received: 30 April 2021

E-mails: [andang99@gmail.com](mailto:andang99@gmail.com), [goyal.praveen2011@gmail.com](mailto:goyal.praveen2011@gmail.com),  
[jackelchew93@ums.edu.my](mailto:jackelchew93@ums.edu.my), [jumat@ums.edu.my](mailto:jumat@ums.edu.my)

Submitted to section: Mathematics and Symmetry,

[https://www.mdpi.com/journal/symmetry/sections/mathematics\\_symmetry](https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry)

Your manuscript has now been reviewed by experts in the field. Please find your manuscript with the referee reports at this link:

Please add the correlation with the symmetry concept in your abstract and maintext so that readers could know clearly the paper's relevance to our journal Symmetry when they start to read the papers.

<https://susy.mdpi.com/user/manuscripts/resubmit/d25b279abcc1cfbd31f516249c36802e>

Please revise the manuscript according to the referees' comments and upload the revised file within 5 days.

Please use the version of your manuscript found at the above link for your revisions.

(I) Any revisions to the manuscript should be marked up using the "Track Changes" function if you are using MS Word/LaTeX, such that any changes can be easily viewed by the editors and reviewers.

(II) Please provide a cover letter to explain, point by point, the details of the revisions to the manuscript and your responses to the referees' comments.

(III) If you found it impossible to address certain comments in the review reports, please include an explanation in your rebuttal.

(IV) The revised version will be sent to the editors and reviewers.

If one of the referees has suggested that your manuscript should undergo extensive English revisions, please address this issue during revision. We

propose that you use one of the editing services listed at <https://www.mdpi.com/authors/english> or have your manuscript checked by a native English-speaking colleague.

Do not hesitate to contact us if you have any questions regarding the revision of your manuscript. We look forward to hearing from you soon.

Kind regards,  
Ms. Renee Chang  
Assistant Editor  
Email: [renee.chang@mdpi.com](mailto:renee.chang@mdpi.com)  
/Symmetry/ (IF: 2.645 <https://www.mdpi.com/journal/symmetry>)  
Linkedin: <https://www.linkedin.com/in/symmetry-basel/>  
Twitter: [https://twitter.com/Symmetry\\_MDPI](https://twitter.com/Symmetry_MDPI)

Symmetry 2021: The 3rd International Conference on Symmetry  
8 August 2021-13 August 2021, Beer Sheva, Israel  
<https://sciforum.net/conference/Symmetry2021>

--

Disclaimer: MDPI recognizes the importance of data privacy and protection. We treat personal data in line with the General Data Protection Regulation (GDPR) and with what the community expects of us. The information contained in this message is confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this message in error, please notify me and delete this message from your system. You may not copy this message in its entirety or in part, or disclose its contents to anyone.

--

MDPI Branch Office, Suite 305, Zhongjia Mansion, Building No.13, Taiyangyuan Community, Dazhongsi East Road, Haidian District, Beijing  
Symmetry Editorial Office  
skype: live:elenalium.liu  
E-mail: [symmetry@mdpi.com](mailto:symmetry@mdpi.com)  
<http://www.mdpi.com/journal/symmetry/>

MDPI  
Proceedings Editorial Office  
Postfach CH-4020 Basel, Switzerland  
Office: St. Alban-Anlage 66, 4052 Basel, Switzerland

**Manuscript ID: Symmetry-1224888**

**Manuscript Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation**

**Journal: Symmetry**

**Respected Editor,**

First with the great appreciation, the authors would like to pay their thanks to anonymous reviewer for their valuable comments. We are very thankful to the Associate Editor for his detailed comments and suggestions that we believe make our manuscript more valuable. Below are responses to comment.

**Reviewers' comments and Reply**

**Reviewer 1#:**

The aim of this paper is to study the general differential equation of the space-fractional diffusion equation using the Caputo fractional derivative. I have the following comments in this paper:

1- The introduction has been written very well with enough background.

**Reply: Many thanks for your valuable comments.**

2- Line 15, if  $1 < \beta < 2$  then how it can be 2 in Line 14?

**Reply: Many thanks. We revised as per suggestion. See Page 3 Line 21-22**

3- About Algorithm 1, Why  $\epsilon = 10^{-10}$ ? For example why it is not  $10^{-2}$  or  $10^{-100}$ ? For large values of epsilon you will have only 1 or 2 iterations without finding the accurate results and for small values of epsilon you will have many iterations without improving the accuracy. How do you want to find this problem.

**Reply: Many thanks for your valuable suggestion. We revise it. Please see Page 8 Line 1-6**

4- Why did you apply the C++ codes for this method? What are the advantages of C++ than other applications such as Mathematica, Maple and other? I propose to present a part of code as appendix.

**Reply: See Page 7 Line 22-25. Since the C++ code is under First Author's supervisor's copyright, it cannot be shared or published.**

5- Please check your tables. By increasing M from 128 to 2048, the max error should be improved!! But you have same accuracy for  $m=128$  to 2048. This a big fault of this method.

**Reply: More discussions related to the tables are added according to comment Please see Page 9 Line 6-17**

6- Please add more discussions related to the tables.

Reply: More discussions related to the tables are added according to comment Please see Page 9  
Line 6-17

7- Please highlight all corrections.

I propose a major revision.

Reply: We highlighted all the revisions.

**Manuscript ID: Symmetry-1224888**

**Manuscript Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation**

**Journal: Symmetry**

**Respected Editor,**

First with the great appreciation, the authors would like to pay their thanks to anonymous reviewer for their valuable comments. We are very thankful to the Associate Editor for his detailed comments and suggestions that we believe make our manuscript more valuable. Below are responses to comment.

**Reviewers' comments and Reply**

**Reviewer 2#:**

Due to results presented in Proceedings of the 5th NA International Conference on Industrial Engineering and Operations Management Detroit, Michigan, USA, August 10 - 14, 2020, the authors should clearly present, what are the new (!!!) results.


Especially in the abstract and conclusions, they should convince the readers that the results discussed in the manuscript are quite new.

**Reply: Many thanks for your valuable suggestion. We clearly mention the importance and uniqueness of our results. Please see Page 1 Line 28-33, Page 10 Line 11-18**




▼ **User Menu** 

Home (/user/myprofile)	Journal	Symmetry ( <a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a> ) (ISSN 2073-8994)
Manage Accounts (/user/manage_accounts)	Manuscript ID	symmetry-1224888
Change Password (/user/chgpwd)	Type	Article
Edit Profile (/user/edit)	Title	Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation ( <a href="https://www.mdpi.com/2073-8994/13/6/1005">https://www.mdpi.com/2073-8994/13/6/1005</a> )
Logout (/user/logout)	Authors	Andang Sunarto * , Praveen Agarwal , Jackel Vui Lung Chew * , Jumat Sulaiman
	Section	Mathematics and Symmetry/Asymmetry ( <a href="https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry">https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry</a> )
	Abstract	In this research paper, numerical solution of a space-fractional parabolic partial differential equation is considered. The investigation of the solution is made by focusing on the space-fractional diffusion equation (SFDE) problem. The application of the one-dimensional linear, unconditionally stable and implicit equation of finite difference approximation is studied. The general differential equation of SFDE is discretised using the space-fractional derivative of Caputo. The implicit approximation to SFDE is formulated and the formation of a linear equation system with the coefficient matrix, which is large and sparse, showed. The construction of a general preconditioned system of equation is also presented. This research paper's contribution is the introduction of a Half-Sweep Preconditioned SOR (HSPSOR) method that is formulated and implemented for the solution of the SFDE based system of equation. Several SFDE examples are considered to validate the performance of the proposed HSPSOR. The outcome of the numerical investigation illustrated the competence of HSPSOR and proved that the HSPSOR is superior to the standard approximation, which is the Full-Sweep Preconditioned SOR (FSPSOR).

▼ **Submissions Menu** 

Submit Manuscript (/user/manuscripts/upload)		
Display Submitted Manuscripts (/user/manuscripts/status)		
Display Co-Authored Manuscripts (/user/manuscripts/co-authored)		
English Editing (/user/pre_english_article/status)		
Discount Vouchers (/user/discount_voucher)		
Invoices (/user/invoices)		
LaTeX Word Count (/user/get/latex_word_count)		
	<b>Review Report Form</b>	
	English language and style	<input type="checkbox"/> Extensive editing of English language and style required <input type="checkbox"/> Moderate English changes required <input type="checkbox"/> English language and style are fine/minor spell check required <input checked="" type="checkbox"/> I don't feel qualified to judge about the English language and style

Yes   
  Can be improved   
  Must be improved   
  Not applicable

▼ **Reviewers Menu** 


Reviews (/user/reviewer/status)	Does the introduction provide sufficient background and include all relevant references?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volunteer Preferences (/volunteer_reviewer_info/view)	Is the research design appropriate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the methods adequately described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the results clearly presented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the conclusions supported by the results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments and Suggestions for Authors  
 The authors have answered the concerns I raised in my first review and have modified the manuscript accordingly.  
 Therefore, I recommend the publication of the manuscript.

Submission Date 30 April 2021  
 Date of this review 28 May 2021 08:20:24

▼ **User Menu** 

Home (/user/myprofile)	Journal	Symmetry ( <a href="https://www.mdpi.com/journal/symmetry">https://www.mdpi.com/journal/symmetry</a> ) (ISSN 2073-8994)
Manage Accounts (/user/manage_accounts)	Manuscript ID	symmetry-1224888
Change Password (/user/chgpwd)	Type	Article
Edit Profile (/user/edit)	Title	Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation ( <a href="https://www.mdpi.com/2073-8994/13/6/1005">https://www.mdpi.com/2073-8994/13/6/1005</a> )
Logout (/user/logout)	Authors	Andang Sunarto * , Praveen Agarwal , Jackel Vui Lung Chew * , Jumat Sulaiman
	Section	Mathematics and Symmetry/Asymmetry ( <a href="https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry">https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry</a> )
	Abstract	In this research paper, numerical solution of a space-fractional parabolic partial differential equation is considered. The investigation of the solution is made by focusing on the space-fractional diffusion equation (SFDE) problem. The application of the one-dimensional linear, unconditionally stable and implicit equation of finite difference approximation is studied. The general differential equation of SFDE is discretised using the space-fractional derivative of Caputo. The implicit approximation to SFDE is formulated and the formation of a linear equation system with the coefficient matrix, which is large and sparse, showed. The construction of a general preconditioned system of equation is also presented. This research paper's contribution is the introduction of a Half-Sweep Preconditioned SOR (HSPSOR) method that is formulated and implemented for the solution of the SFDE based system of equation. Several SFDE examples are considered to validate the performance of the proposed HSPSOR. The outcome of the numerical investigation illustrated the competence of HSPSOR and proved that the HSPSOR is superior to the standard approximation, which is the Full-Sweep Preconditioned SOR (FSPSOR).


▼ **Submissions Menu** 

Submit Manuscript (/user/manuscripts/upload)		
Display Submitted Manuscripts (/user/manuscripts/status)		
Display Co-Authored Manuscripts (/user/manuscripts/co-authored)		
English Editing (/user/pre_english_article/status)		

**Review Report Form**

Discount Vouchers (/user/discount_voucher)	English language and style	<input type="checkbox"/> Extensive editing of English language and style required <input type="checkbox"/> Moderate English changes required <input type="checkbox"/> English language and style are fine/minor spell check required <input checked="" type="checkbox"/> I don't feel qualified to judge about the English language and style
Invoices (/user/invoices)		
LaTeX Word Count (/user/get/latex_word_count)		

Yes    Can be improved    Must be improved    Not applicable

▼ **Reviewers Menu** 

Reviews (/user/reviewer/status)	Does the introduction provide sufficient background and include all relevant references?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volunteer Preferences (/volunteer_reviewer_info/view)	Is the research design appropriate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the methods adequately described?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the results clearly presented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Are the conclusions supported by the results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments and Suggestions for Authors	I do not have more comments on this paper. It can be published in Symmetry.				
Submission Date	30 April 2021				
Date of this review	26 May 2021 16:54:01				



Andang Sunarto &lt;andang99@gmail.com&gt;

**[Symmetry] Manuscript ID: symmetry-1224888 - Accepted for Publication**

1 pesan

**Symmetry Editorial Office** <symmetry@mdpi.com>

29 Mei 2021 13.56

Balas Ke: Symmetry Editorial Office &lt;symmetry@mdpi.com&gt;

Kepada: Andang Sunarto &lt;andang99@gmail.com&gt;

Cc: Praveen Agarwal <goyal.praveen2011@gmail.com>, Jackel Vui Lung Chew <jackelchew93@ums.edu.my>,  
Jumat Sulaiman <jumat@ums.edu.my>, Symmetry Editorial Office <symmetry@mdpi.com>

Dear Dr. Sunarto,

Congratulations on the acceptance of your manuscript, and thank you for your interest in submitting your work to Symmetry:

Manuscript ID: symmetry-1224888

Type of manuscript: Article

Title: Approximation Solution of Fractional Parabolic Partial Differential Equation by Half-Sweep and Preconditioned Relaxation

Authors: Andang Sunarto \*, Praveen Agarwal, Jackel Vui Lung Chew \*, Jumat Sulaiman

Received: 30 April 2021

E-mails: [andang99@gmail.com](mailto:andang99@gmail.com), [goyal.praveen2011@gmail.com](mailto:goyal.praveen2011@gmail.com),[jackelchew93@ums.edu.my](mailto:jackelchew93@ums.edu.my), [jumat@ums.edu.my](mailto:jumat@ums.edu.my)

Submitted to section: Mathematics and Symmetry,

[https://www.mdpi.com/journal/symmetry/sections/mathematics\\_symmetry](https://www.mdpi.com/journal/symmetry/sections/mathematics_symmetry)[https://susy.mdpi.com/user/manuscripts/review\\_info/d25b279abcc1cfbd31f516249c36802e](https://susy.mdpi.com/user/manuscripts/review_info/d25b279abcc1cfbd31f516249c36802e)

We will now edit and finalize your paper, which will then be returned to you for your approval. Within the next couple of days, an invoice concerning the article processing charge (APC) for publication in this open access journal will be sent by email from the Editorial Office in Basel, Switzerland.

If, however, extensive English edits are required to your manuscript, we will need to return the paper requesting improvements throughout.

We encourage you to set up your profile at SciProfiles.com, MDPI's researcher network platform. Articles you publish with MDPI will be linked to your SciProfiles page, where colleagues and peers will be able to see all of your publications, citations, as well as other academic contributions.

We also invite you to contribute to Encyclopedia (<https://encyclopedia.pub>), a scholarly platform providing accurate information about the latest research results. You can adapt parts of your paper to provide valuable reference information, via Encyclopedia, for others both within the field and beyond.

Kind regards,

Ms. Jennifer Zhang

Section Managing Editor

Email: [jennifer.zhang@mdpi.com](mailto:jennifer.zhang@mdpi.com)/Symmetry/ (IF: 2.645 <https://www.mdpi.com/journal/symmetry>)Linkedin: <https://www.linkedin.com/in/symmetry-basel/>Twitter: [https://twitter.com/Symmetry\\_MDPI](https://twitter.com/Symmetry_MDPI)

Symmetry 2021: The 3rd International Conference on Symmetry (Online)

9 August 2021-13 August 2021

<https://sciforum.net/conference/Symmetry2021>

MDPI Branch Office, Beijing  
Symmetry Editorial Office  
E-mail: [symmetry@mdpi.com](mailto:symmetry@mdpi.com)  
<http://www.mdpi.com/journal/symmetry/>

MDPI  
Symmetry Editorial Office  
Postfach CH-4020 Basel, Switzerland  
Office: St. Alban-Anlage 66, 4052 Basel, Switzerland

Disclaimer: MDPI recognizes the importance of data privacy and protection. We treat personal data in line with the General Data Protection Regulation (GDPR) and with what the community expects of us. The information contained in this message is confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this message in error, please notify me and delete this message from your system. You may not copy this message in its entirety or in part, or disclose its contents to anyone.