

ABSTRACT/PAPER REVIEW FORM 2018 DCA CONFERENCE

Abstract Number: 140

Abstract/Paper Title: Fractal Adaptation: Structure in Nature

Please mark the appropriate column and add mandatory written feedback below. The right hand column is for ranking by numeric number (1 being lowest and 10 being highest) for each row. Please add total.

	YES	Needs Work	NO	Please rank by a numeric number below for each row, 10 being highest 1 being lowest
1. Proposed abstract/paper addresses the conference theme or sub-themes	✓			10
2. The content contains some original ideas and contributes to research, or teaching, or practice.		✓		7
3. The purpose of the paper is stated clearly.	✓			10
4. The paper is well organized and contains all the relevant sections.		✓		5
5. The content shows evidence of sufficient background reading and state-of-the-art research and topic.			✓	5
6. The research study methods are sound and appropriate.		✓		6
7. The writing is clear, concise and interesting.	✓			10
8. The references and quotations are clear. The bibliography is updated and relevant.			✓	0
9. The conclusions or summary are accurate and supported by the content.		✓		5
10. Proposed paper will likely be of interest to conference participants and attendees	✓			10
Please Add Total Points from All Rows:				68

Reviewer General Comments and Suggestions (mandatory written feedback):

"The objective of this paper is to use the fractal systems found in nature to understand patterns for architectural use."

This has been around for many years, see "Structure in Nature is a Strategy for Design" by Peter Pearce and many other sources, Ghaka, Borrego, Gabriel, et al. So the question is, "what are you doing differently? Do you have specific application methods? That is the difficult part. Define what work has been done by the author and explain the viable options. What projects/evidence are used to support the idea/thesis/claim? - Citations that support the work, properly formatted - A clear explanation of the main results - Conclusions of the work and the recommendations of the author

Reviewer Recommendation:

Please indicate which of the following actions you recommend.

1. **Recommended** (no significant changes suggested)

2. **Recommended with Reservation** (suggest changes to the manuscript as specified in this review)

3. **Not Recommended**

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	YES	Needs Work	NO	Please rank by a numeric number below for each row, 10 being highest 1 being lowest
1. Proposed abstract/paper addresses the conference theme or sub-themes				3
2. The content contains some original ideas and contributes to research, or teaching, or practice.				0
3. The purpose of the paper is stated clearly.				8
4. The paper is well organized and contains all the relevant sections.				3
5. The content shows evidence of sufficient background reading and state-of-the-art research and topic.				5
6. The research study methods are sound and appropriate.				0
7. The writing is clear, concise and interesting.				5
8. The references and quotations are clear. The bibliography is updated and relevant.				0
9. The conclusions or summary are accurate and supported by the content.				0
10. Proposed paper will likely be of interest to conference participants and attendees				5
Please Add Total Points from All Rows: 29				

Reviewer General Comments and Suggestions (mandatory written feedback):

Not too sure about the relevance of the topic to the conf. theme.

Document your paper properly!!! Avoid throwing names and papers without referencing the sources.

Good luck.

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	YES	Needs Work	NO	Please rank by a numeric number below for each row,
1. Proposed abstract/pap	x			10
2. The content contains some original ideas and contributes to research, or teaching, or practice.	x			8
3. The purpose of the paper is stated clearly.	x			10
4. The paper is well organized and contains all the relevant sections.	x			10
5. The content shows evidence of sufficient background reading and state-of-the-art research and topic.	x			10
6. The research study methods are sound and appropriate.	x			10
7. The writing is clear, concise and interesting.	x			10
8. The references and quotations are clear. The bibliography is updated and relevant.	x			10
9. The conclusions or summary are accurate and supported by the content.	x			8
10. Proposed paper will likely be of interest to conference participants and attendees	x			10
Please Add Total Points from All Rows: 96				

Reviewer General Comments and Suggestions (mandatory written feedback)

Interesting subject. The illustrations are very compelling. A major question that I would have is to what level of development will the author take this proposal? One of the challenges of modular systems is how they work at the detail level? How do they work with actual functions as compared to the structure alone? The complex forms shown suggest an organic strategy so I would be very interested to see how this paper develops and how the strategy encompasses the very real programmatic aspects of a design. Overall, I think this will be a good paper and would be of interest.

Reviewer Recommendation:

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- 2. **Recommended with Reservation** (suggest changes to the manuscript as specified in this review)
- 3. **Not Recommended**