

CERTIFICATION for the PEER REVIEW PROCESS &
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and ANTI-PLAGIARISM CONTROL

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I declare, I confirm, I certify and I sign that I received substantial, important, line by line peer review with several and substantial comments, important remarks and hints from, at least, 3 Reviewers and the Assistant Editor for my paper: On Application of Mathematical Modeling to the Cryochemical Synthesis of Medicine Nanoforms: Temperature and Pressure Distribution with Authors: Irina Astashova, Gregory Chechkin, Alexey Filinovskiy, Yuriy Morozov, Tatyana Shabatina, Andrey Soloviev.

I would like to thank all the reviewers for their thoughtful comments and efforts towards improving our manuscript. We revised the manuscript with special attention to the comments that we received from **Three (3)** reviewers that were experts, specialists in the area of my paper.

We add the explanations

I declare, confirm, certify and sign that WSEAS has checked my paper for possible plagiarism by Turnitin and my paper was found without plagiarism or only with small part of self-plagiarism in the definitions, notations we always deal with and in some important for this article our previous results and the problem setting. I also declare, confirm, certify and sign that also that no Associate-Editor, no Editor-in-Chief, no member of the WSEAS Secretariat forced me in this Journal to add references (citations) to any previous publications of the journal.

I also declare, confirm, certify and sign that I have made all the changes, modifications, additions, studies, corrections asked by the reviewers and I have fully complied with their instructions. I also understand that before the publication the 3 (or more than 3) reviewers will check my paper to see if all the changes, modifications, additions, studies, corrections etc have been done and I authorize the WSEAS to publish my paper or to reject my paper even in the 2nd round of peer review or to continue with an additional round of peer review.

So, we thank our referees for their professional comments and remarks for the improvement of our article. Following the referee reports, we

- added the explanations to all Figures, - add the derivation of the partial differential equation including the assumptions made
- completed the abstract and the conclusion,
- we gave the mathematical interpretation of results,
- we explained the connection between mathematical results and chemical experimental results,
- we add the coordinates of the first nucleus and its critical size at the graphs,
- corrected some misprints.

So, we got the main revision of our article.

I also declare, I confirm, I certify and I sign that I will not publish this paper or an important part of the paper in any other Journal (inside or outside WSEAS) Conference Proceedings (inside or outside WSEAS), Book (inside or outside WSEAS), University Repository etc) without the written permission of the WSEAS.

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I am glad that we publish the second step of mathematical model creation in the paper in WSEAS transaction, since these are interdisciplinary publications available to specialists of different fields of science. Our paper is explaining the role of applied mathematics to obtaining new explanation of chemical problems. I published the papers in WSEAS transactions earlier, and I would like to acknowledge the qualified review, contributing to the improvement of the manuscript, and the prompt publication. Now I thank the Editor-in-Chief, Associate Editor and the team of 3 reviewers – real specialists.

Signature _____



Date: 14.11.2025