

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_122295
Title of the Manuscript:	S-Prime Graph of S-meet Semilattice
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript introduces the concept of an S-prime graph of an S-meet semilattice, which is a novel contribution to the study of lattice theory and graph theory. The paper provides a new perspective by combining algebraic structures with graph theoretical approaches, which could open new avenues for research in both fields. The work is particularly important as it bridges the gap between lattice theory and its applications in graph theory, which may have further implications in other areas like topology and combinatorics. I appreciate the innovative approach taken by the authors.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "S-Prime Graph of S-meet Semilattice" is suitable as it accurately reflects the content of the manuscript. It succinctly conveys the focus on the S-prime graph and the algebraic structure of the S-meet semilattice. No alternative title is needed.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract provides a good summary of the manuscript, but it could be slightly improved for clarity. Specifically, it could briefly mention the significance or potential applications of the S-prime graph in the broader context of mathematics or related fields. Additionally, the abstract could benefit from a clearer statement of the main results or conclusions drawn from the study.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and overall structure of the manuscript are appropriate. The manuscript is well-organized, with a logical flow from the introduction of basic concepts to the development of new ideas and theorems. Each section builds on the previous one, making the progression easy to follow. The inclusion of examples helps in understanding the theoretical concepts.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript is scientifically robust and technically sound. The authors have provided rigorous definitions and proofs, ensuring that the concepts introduced are well-founded. The use of examples and theorems to illustrate the S-prime graph of an S-meet semilattice is particularly effective. The work appears to be thorough and well-researched, with all claims substantiated by mathematical proofs.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :</p>	<p>The references are sufficient and include recent studies relevant to the topic. However, if available, more recent publications related to S-prime graphs or similar structures could be included to provide a broader context. There is no immediate need for additional references, but the authors could consider referencing newer works if applicable.</p>	
<p>Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language quality of the article is generally good, but there are a few areas where the text could be edited for clarity and readability. Some sentences are complex and could be simplified to improve comprehension. Additionally, minor grammatical errors should be corrected to enhance the overall quality of the manuscript.</p>	
<p>Optional/General comments</p>	<p>The manuscript is a valuable contribution to the field, and with some minor revisions, it could be even more impactful. The introduction of S-prime graphs in the context of S-meet semilattices is a promising area of study that could inspire further research. The authors are encouraged to explore potential applications of their findings in related fields.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Andrea Piroddi
Department, University & Country	Università di Bologna, Italy