

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_120392
Title of the Manuscript:	APPLICATION OF CYCLIC CODES OVER $GF(2)$ ON ENCRYPTION AND DECRYPTION OF DATA
Type of the 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>Importance to the Scientific Community This manuscript is significant for the scientific community as it introduces an innovative application of cyclic codes for enhancing encryption and decryption processes, particularly in the context of smart grid communications. The research addresses the growing need for robust and efficient security measures in the face of increasing cyber threats. By demonstrating the practical application and effectiveness of cyclic codes, this manuscript contributes valuable insights into improving data integrity and security in modern telecommunication systems.</p> <p>Personal Evaluation I like this manuscript because it presents a clear and practical solution to a pressing issue in cybersecurity. The methodology is well-explained, and the results are promising, showcasing the potential of cyclic codes in real-world applications. However, the manuscript could benefit from additional technical details and a more comprehensive analysis of potential limitations and future research directions.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title, "APPLICATION OF CYCLIC CODES OVER ON ENCRYPTION AND DECRYPTION OF DATA," is slightly awkward and could be refined for clarity. A more suitable title might be: "Application of Cyclic Codes for Data Encryption and Decryption in Smart Grid Communications."</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is comprehensive and effectively summarizes the key points of the research. It provides a clear overview of the problem, methodology, and findings. However, including specific metrics or comparison with other encryption methods could strengthen the abstract and provide a clearer context for the significance of the results.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and structure of the manuscript are appropriate, providing a logical flow from the introduction to the conclusion. Each section builds on the previous one, creating a coherent narrative.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript is scientifically robust and technically sound. The methodology is well-founded, and the practical application demonstrates the effectiveness of cyclic codes in maintaining data integrity and security. The detailed explanation of the encryption and decryption process, along with the successful implementation in a smart grid system, supports the validity of the findings.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>The references in the manuscript are sufficient and relevant to the topic. However, including more recent studies or references to current cyber</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p><u>Optional/General</u> comments</p>	<p>Good effort. All the vey best</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:

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