



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_37931
Title of the Manuscript:	A Novel Multiplier using Vedic Mathematics and Booth Encoding
Type of the Article	Short research article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments	- Writing refinements and proof reading are needed to improve the quality of writing and consistency in conveying the research messages across the manuscript. It is recommended to make it concise yet complete description and explanation. - Only six references would not be sufficient to justify the claim since many incremental works on this field. It is recommended to do more comparisons to other multiplier designs. - In Section-3, Line 83-85, it is said that Booth multiplier is faster than Vedic multiplier but in Section-5, synthesis reports show otherwise. Why this happens? It is crucial since it could affect the hypothesis at the first place, since the research considers combining Vedic with Booth multiplier. - In Section-4, there is no detailed explanation on how Vedic and Booth techniques combined. It is recommended to described it thoroughly with illustration. - In Section-5, the results in Table-3 are not presented well. It is recommended to refine the table. - In Section-5, the simulation results should be presented in intuitive ways so the readers can understand the waveform easily. For example, using the decimal number instead of binary. - In Section-5, the comparison results are better to be presented in figure or graph.	
Minor REVISION comments		
Optional/General comments	Extensive refinement is required.	

Reviewer Details:

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