

[ReviewForm2](#)

BookName:	CurrentApproachesinEngineeringResearchandTechnology
ManuscriptNumber:	Ms_BPR_2095
TitleoftheManuscript:	Supersonicflowinshortenedrocketenginenozzlewithabell-shapedtip
TypeoftheArticle	Bookchapter

PART1:ReviewComments

CompulsoryREVISIONcomments	Reviewer’scomment	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)
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.	This chapter explores the fundamental concepts of supersonic flow by probing into its fundamental theories with a practical application in a shortened rocket engine nozzle with a bell-shaped tip. It unravels the true meaning and origins of supersonic flow, sheds light on the distinctive characteristics that set it apart from subsonic flow by simulating through a real-life example.	
Is the title of the article suitable? (If not, please suggest an alternative title)	Yes	
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.	The abstract gives too many details of the results obtained instead of a summarized description of the results of each section. The authors are encouraged to rewrite it. As it is, it sounds like a mini introduction.	
Are subsections and structure of the manuscript appropriate?	The introduction part seems to be a pile of various aspects of the sections of the chapter, with no order of precedence (the citations are not ordered), and it does not fully fit the focus of the chapter. The authors are encouraged to rewrite it.	
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.	There should be an exclusive section to introduce the mathematical models, numerical methods or tools, detailed boundary conditions, and parameters used, with citations. There should also be a section on the grid convergence, data/results validation to bring into fore the scientific correctness, robustness and techniques of the manuscript.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, but they should be ordered and cited so.	
MinorREVISIONcomments Is the language/English quality of the article suitable for scholarly communications?	It is quite difficult to understand the results shown in the figures without giving the details of the different cases (cases shown in fig 1 is also confusing). Check grammar and typos.	
Optional/General comments	The authors are encouraged to revise as advised.	

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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