

Review Form2

Book Name:	Science and Technology - Recent Updates and Future Prospects
Manuscript Number:	Ms_BPR_1782
Title of the Manuscript:	Informatics Carnot Machine in an Optical Fiber
Type of the Article	Book chapter

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)
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.	This approach supported by a demonstration that information transmission and amplification, by a sequence of light pulses in an optical fiber, is a classic Carnot machine comprising of two isothermals and two adiabatic. Therefore, it concluded that entropy under certain conditions is information.	
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 addition (or deletion) of some points in this section? Please write your suggestions here.	Abstract is written in comprehensive manner.	
Are subsections and structure of the manuscript appropriate?	There is no subsections	
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.	The plausibility of this formalism demonstrated by presenting an informatics Carnot Cycle that yields the Carnot efficiency for an ideal amplifier cycle in an optical fiber.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	References should be keep latest articles.	
Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

Review Form2

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Mahesh Mudavath
Department, University & Country	Siddhartha Institute of Technology and Sciences, India