

Review Form2

Book Name:	Mathematics and Computer Science: Contemporary Developments
Manuscript Number:	Ms_BPR_2323
Title of the Manuscript:	A note on the n-th smallest term for any finite sequence of real numbers
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 a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	This manuscript deals with the finding the n'th smallest term of any finite sequence of real numbers. The manuscript is well-written and understandable. Also it contributes to the literature with the new three methods for finding the n'th smallest term of a finite sequence. The author(s) also compare the computational cost. With these new developments, the authors give a formul for finding the median of a finite sequence.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the manuscript is quiet suitable.	
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 is comprehensive. I do not suggest any addition or deletion.	
Are subsections and structure of the manuscript appropriate?	All the sections and subsections are fine.	
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 minimumof 3-4 sentences may be required for this part.	The theorems are true and the proof are correct. I think it will be useful for other authors, readers and mathematicians.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :-	The references are not recent. Additionally, to highlight the significance of the max-min operations briefly, I suggest mentioning more recent references that include max-min methods used for approximation by the operators.	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The language is fine and correct.	
Optional/General comments	In my opinion, the paper is good and suitable for publications if the author(s) take into account the minor remarks given below: • Page 2 line 3: “he following notations” must be “The following notations” • Page 2 line 5: “obtening” must be “obtaining” • Page 3 line 5 of Theorem 3.1: In order to make the if statement in line 5 well understandable, there must be commas, one of which is between “A(n)” and “then” and the other one between “S={...}” and “and”. • Page 3 line 6 of Example 3.1: Here For N=2, T(1,...)=...=min{x₁,x₂,x₃} seems wrong. x₃ must be deleted. • Page 4 line 2: at the end of line 2, there is an apostrophe, which must be deleted. • Page 4 line 1 of Theorem 4.1: the statement under the union symbol “S ∈A(n-k+1)” must be changed to “S ∈A(N-n+1)”, • Page 4 line 5 of Theorem 4.1: the statement “S ∈A(n-k+1)” must be changed to “S ∈A(N-n+1)”, • Page 4 line 5 of Theorem 4.1: In order to make the if statement in line 5 well understandable, there must be commas, one of which is between “A(..)” and “then” and the other one between “S={...}” and “and”. • Page 5 line 11: T(4,...) must be left aligned. • Page 6 Theorem 5.1: In the definition of piecewise function, “if”s must be plaini, not italic. • Page 8 line 3 from below: the statement $\left(\frac{N-n+3}{2}\right)^{n-3}$ must be $\left(\frac{N-n+3}{2}\right)^{n-2}$. • Throughout the paper, instead of “σ(1), σ(2),...” notation the author usesthe symbols “1^σ, 2^σ,...” in the sequences indexes. To make the paper more understandable, this notation should be explained at the beginning of the manuscript. • To help readers better understand the scope of the topics in the max-min method, references to the applications of max-min methods in approximation theory could also be provided.	

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:	Ismail Aslan
Department, University & Country	Hacettepe University, Turkey