

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_121767
Title of the Manuscript:	SMARANDACHE CURVES OF NATURAL CURVES PAIR ACCORDING TO FRENET FRAME
Type of the Article	Original Research 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 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.</p>	<p>Smarandache curves are an important topic of research in the fields of geometry and differential geometry. These curves are typically used to extend classical differential geometry concepts and to discover new geometric properties. Smarandache curves enable in-depth analysis in areas such as curve theory and surface theory. Their applications span various disciplines, including physics, engineering, robotics, computer graphics, and biomechanics. In physics, these curves are utilized particularly in space-time geometry and general relativity theory, while in engineering, they can be applied in materials science and structural analysis. In computer graphics and robotics, Smarandache curves play a significant role in motion planning and object recognition. Therefore, the paper conducted on these curves can make significant contributions to the field.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the title of the article is suitable</p>	
<p>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.</p>	<p>An explanation about the usage areas of these curves can be added to the summary and conclusion section.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>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.</p>	<p>In the study, operations related to the theory of curvature, one of the most basic methods of differential geometry, were performed. Therefore, I think that the obtained results and equations are correct. In addition, the results seem to be compatible with previous studies in the literature.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>Many studies have been conducted on curves, which are among the most important elements of differential geometry. Although a specific type of curve is considered in this study, the introduction section can include different types of curves and their applications. To incorporate more recent studies in the references section and to enhance the introduction section, the following sources can be added to the study.</p> <ul style="list-style-type: none"> -Turhan, T. (2020). Magnetic trajectories in three-dimensional Lie groups. <i>Mathematical Methods in the Applied Sciences</i>, 43(5), 2747-2758. - Ceylan, A. Y., Turhan, T., & Tukul, G. O. (2021). On the geometry of rational Bézier curves. <i>Honam Mathematical Journal</i>, 43(1), 88-99. - Özkan, T. G., Şahin, B., & Turhan, T. (2023). Certain curves along Riemannian submersions. <i>Filomat</i>, 37(3), 905-913. 	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	There are some spelling mistakes in the article. These can be reviewed again. Punctuation marks should be taken into consideration. For example; where κ e τ are differentiable	
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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