

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>There are few parts that needs more clarifications in the paper. For example, in the Equation (2.2) the angle is said to be taken in between the two binormal vectors of the mate curves, whereas in the Equation (2.4), another symbolized angle is considered to be in between Darboux vector and binormal vector. But, the cosine and sine of these two angles are equal. Thus, can authors clarify that “does the binormal vector of the mate curve correspond to the Darboux vector of the main curve, given that the curvatures are in their functional forms not necessarily be constants. Moreover, in the following lines I provide the relations among the Frenet frame {T, N, B} and the alternative frame {N, C, W}, (see [1,2,3]). $N=N$ $C=-\cos(\alpha)T+\sin(\alpha)B$ $W=\sin(\alpha)T+\cos(\alpha)B$ where $\cos(\alpha)$ and $\sin(\alpha)$ have the same relation as of the paper. Thus, I would like to point that out the authors studied the same Smarandache curves as of the study [1]. That is, according to the current paper the Smarandache curve given in the Definition (3.3) corresponds to the NC Smarandache curve, whereas the Definition (3.5) is as same as of NW Smarandache curve which was already defined and studied in [1]. Although, the notations and calculations seem different compared to [1], it should have been referenced in the paper.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</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>A slight extension could be done.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>There can be given some corollaries for some special kind of curves like helix or slant helix.</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>The paper in its current form has scientific issues.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :</p>	<p>1 Şenyurt S., Kaya G. (2018) NC-Smarandache Curve and NW-Smarandache Curve According to Alternative Frame Proceedings of International Conference on Mathematics and Mathematics Education (ICMME 2018) Turk. J. Math. Comput. Sci. 10, 269–274 2 Şenyurt S., Çalışkan A. (2020) CURVES AND RULED SURFACES ACCORDING TO ALTERNATIVE FRAME IN DUAL SPACE Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat. Volume 69, Number 1, Pages 684 698 3 Gok, İ., Uzunoglu,B., Yayli,Y., A New Approach on Curves of Constant Precession, Applied Mathematics and Computation,275(2016), 317–323.1</p>	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	I am not native or expert on English	
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>	

Reviewer Details:

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