Letter to the Editor

Comment on “On Soft β -Open Sets and Soft β -Continuous Functions”

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Akdag and Ozkan pointed out in [1, Example 1] that the collection τ of soft sets is a soft topology over the universe $X = \{x_1, x_2, x_3\}$ where $E = \{e_1, e_2, e_3\}$ is the set of parameters. This conclusion is not correct since $(F_2, E) \tilde{\cap} (F_7, E) \notin \tau$, $(F_3, E) \tilde{\cup} (F_8, E) \notin \tau$, $(F_1, E) \tilde{\cup} (F_{13}, E) \notin \tau$, $(F_1, E) \tilde{\cap} (F_{13}, E) \notin \tau$, $(F_2, E) \tilde{\cap} (F_{13}, E) \tilde{\cap} (F_{13}, E) \notin \tau$, $(F_2, E) \tilde{\cup} (F_{13}, E) \notin \tau$, $(F_2, E) \tilde{\cap} (F_{14}, E) \notin \tau$, and many of soft sets belong to the family τ and their soft intersection and soft union do not exist in τ . Consequently, [1, Examples 27, 28, 29, 30] also are incorrect. Example 3.3 in [2] already proved the results in [1, Remark 12] and [2, Examples 4.3 and 4.4] also proved the results in [1, Remark 26].

Conflict of Interests

The authors declare that there is no conflict of interests regarding the publication of this paper.

References

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