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SOFT SUPER-SPACE OF A SOFT METRIC SPACE WITH SOFT POINT

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Abstract: In the study of Guzide Senel [14] introduce the soft distance function defined in soft topological space. In the present paper, we introduced soft super-space of soft metric spaces with soft points to contribute to the progress of soft distance function and some of its examples are also present here. We hope that the result findings in this paper will help researcher enhance and promote the further study on soft super-space of soft metric spaces to carry out a general framework for their applications in practical life.

Keywords and Phrases: Soft set, soft null set, soft universal set, soft metric space, soft point, soft distance soft subspace and so on.

2020 Mathematics Subject Classification: 03E72, 03E75.

1. Introduction and Definitions

The complexity of uncertainty data is available in many fields. Like environment, engineering, economics, science, social science etc. In 1999, Molodtsov [13] introduced the most important concept of soft set as a new mathematical tool for dealing with uncertainties. In (2003) Maji et al., [12] studied the theory of soft