Abstract

In this paper, by defining soft ditopological spaces, a new approach to the soft topology via soft set theory is made, with defining two structures on a soft set - a soft topology and a soft subspace topology. Moreover, separation axioms in soft ditopological spaces are characterized and the relations between soft topological and soft ditopological structures are investigated.

References


**Index Terms**

Computer Science

Applied Sciences

**Keywords**

Soft sets, soft open set, soft topology, soft topological subspace, soft ditopology