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