

Finite-to-One Fuzzy Maps and Fuzzy Perfects Maps.

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Abstract: In this paper we define, for fuzzy topology, notions corresponding to finite-to-one and k -to-one maps. We study the relationship between these new fuzzy maps and various kinds of fuzzy perfect maps. Also, we show the invariance and the inverse invariance under the various kinds of fuzzy perfect maps (and the finite-to-one fuzzy maps), of different properties of fuzzy topological spaces.

Keywords:

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