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Khalimsky continuity and its applications

Sang-Eon Han

Dept of Computer and Applied Math, Honam University 59-1 Seobongdong Gwangsangu, Gwangju (South Korea) sehan@honam.ac.kr

In this paper, a Khalimsky continuous map with digital (k_0, k_1) -continuity is introduced and its various properties are investigated for the study of computer topological properties of a Khalimsky topological space in \mathbb{Z}^n with k-adjacency.