

CONNECTEDNESS IN MONOTONE ORDERED SPACE.

Irem Eroglu<sup>1</sup>, Erdal Guner<sup>2</sup>

<sup>1</sup>*Ankara University, Ankara, Turkey*

<sup>2</sup>*Ankara University, Ankara, Turkey*

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**Abstract**

In this paper, we introduce and study the notion of connectedness in monotone ordered space which is a generalization of monotone spaces.

We study ordered semi-separated sets and ordered connected sets in monotone ordered space.

**Keywords:** Monotone ordered space, ordered semi-separated set, ordered connected sets.

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<sup>1</sup>First Author's e-mail: ieroglu@ankara.edu

<sup>2</sup>Second Author's e-mail: erdal.guner@science.ankara.edu