

## Abstract

In the paper, we study recent work on some classes of bounded bitolerance orders. Also, we provide the short proofs of some of classical results on bounded bitolerance orders, including the equivalent classes of bounded bitolerance orders, the relation of unit and proper bitolerance orders. Our goal is to provide the fresh insights into the current status of research in the area while suggesting directions for the future.

Keywords: Tolerance graphs; Bounded bitolerance orders; Ordered sets; Trapezoid orders



## 中文摘要

在這篇論文中，我們探討了最近在有界雙容忍序中的一些成果。同時，我們提供一些標準的簡短證明，包含有界雙容忍序的等價種類，單位有界雙容忍序與適當有界雙容忍序的關係。我們的目標是希望能在有界雙容忍序的現今地位上，去提供新的洞悉，並給未來學習者一個方向。

關鍵詞：容忍圖, 有界雙容忍, 序集合, 梯形序

