

Peer Review

Review of: "On Ultrafilters in Matroids: Structural Properties and Metric Considerations"

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"I have thoroughly evaluated the manuscript titled '**On Ultrafilters in Matroids: Structural Properties and Metric Considerations**'. This work presents a sophisticated exploration of the intersection between combinatorial structures and topological properties. The analysis of ultrafilters within the context of matroid theory offers significant theoretical insights, particularly regarding the proposed metric considerations. My review focuses on ensuring the logical flow of the proofs and the clarity of the abstract algebraic definitions. I have provided constructive comments aimed at strengthening the formal presentation of the results to ensure they reach their full potential within the mathematical community."

Declarations

Potential competing interests: No potential competing interests to declare.