

# Accepted Manuscript

Tiling algebra for constraint-based layout editing

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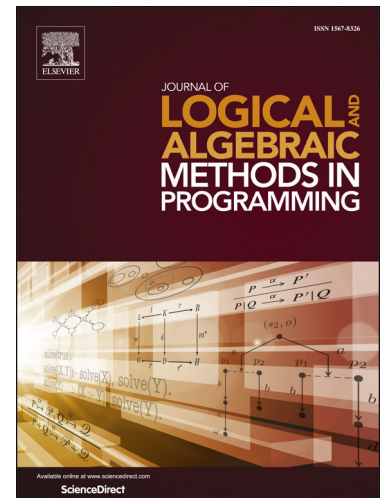
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## Highlights

- A tiling algebra that provides a formal notation for constraint-based layouts, which visually reflects the arrangement of layout items.
- A set of algebraic edit operations to create and edit layout specifications.
- Proof that these edit operations leave a sound layout in a sound state.
- A demonstration how the tiling algebra and the edit operations can be applied to two real-world problems.

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