## Matroids in Lean: Status Update

Ivan Sergeev

ISTA

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## Progress Since Last Meeting

- ▶ 1 week preparation for presentation about magmas
- ► Refactoring throughout the whole project
- ▶ Working on "TUness is preserved under pivoting"

## Next Steps

- ► Focus on the matrix definition
- Pivoting preserves TUness
- ► Regularity of 2-sum
- Aditional tools for TUness
- ► Regularity of 3-sum
- Improving API, bundling assumptions, more refactoring