

Publication list

In preparation

- Guy Casale, Matthew DeVilbiss, James Freitag, and Joel Nagloo. Strong minimality of automorphic functions.

Preprints

- Matthew DeVilbiss and James Freitag. Generic differential equations are strongly minimal. *arXiv* 2106.02627 (2021) (under revision at *Compositio Mathematica*)
- Matthew DeVilbiss, Bradley Fain, Amber, Holmes, Paul Horn, Sonwabile Mafunda, and K. E. Perry. An Extremal Problem on Rainbow Spanning Trees in Graphs. *arXiv* 2008.02410 (2020)

Published papers

- Matthew DeVilbiss, Peter Johnson, and Ryan Matzke. Edge Grundy numbers of the regular Turán graphs. *Bulletin of the Institute of Combinatorics and its Applications*. 84, (2018): 45-52.
- Loren Anderson, Matthew DeVilbiss, Sarah Holliday, Peter Johnson, Anna Kite, Ryan Matzke, and Jessica McDonald. The edge Grundy numbers of some graphs. *International Journal of Mathematics and Computer Science*. 12, no. 1 (2017): 13-26.
- Matthew DeVilbiss, Bradley Fain, Peter Johnson, and Ryan Matzke. Note on the secure-domination number of a graph. *Bulletin of the Institute of Combinatorics and its Applications*. 74 (2015): 113-19.