

## LIAT KESSLER - PUBLICATIONS

- Y. Karshon and **L. Kessler**, *Distinguishing symplectic blowups of the complex projective plane*, accepted by the J. of Sympl. Geom., arXiv:1407.5312v1.
- Y. Karshon, **L. Kessler**, and M. Pinsonnault, *Counting toric actions on symplectic four-manifolds*, Comptes rendus mathématiques, Rep. Acad. Sci. Canada **37** (2015), no. 1, 33–40.
- J. Coffey, **L. Kessler**, and A. Pelayo, *Symplectic geometry on moduli spaces of  $J$ -holomorphic curves*, Ann. Glob. Anal. Geom. **41** (2012), no. 3, 265–280.
- **L. Kessler**, *Holomorphic shadows in the eyes of model theory*, Trans. Amer. Math. Soc. **363** (2011), no. 6, 3287–3307.
- **L. Kessler**, *Torus actions on small blow ups of  $\mathbb{C}\mathbb{P}^2$* , Pacific J. Math. **244** (2010), no. 1, 133–154.
- Y. Karshon, **L. Kessler**, and M. Pinsonnault, *A compact symplectic four-manifold admits only finitely many inequivalent toric actions*, J. Sympl. Geom. **5** (2007), no. 2, 139–166.
- Y. Karshon and **L. Kessler**, *Circle and torus actions on equal symplectic blow-ups of  $\mathbb{C}\mathbb{P}^2$* , Math. Res. Lett. **14** (2007), no. 5, 807–823.

### Submitted:

- T. S. Holm and **L. Kessler**, *The equivariant cohomology of complexity one spaces*, (15 pages), arXiv:1512.09297
- R. Chiang and **L. Kessler**, *Homologically trivial symplectic cyclic actions need not extend to Hamiltonian circle actions*, (16 pages)
- T. S. Holm and **L. Kessler**, *Circle actions on symplectic four-manifolds*, (33 pages), arXiv:1507.05972v1

**Preprints:**

- Y. Karshon, **L. Kessler**, and M. Pinsonnault, *Symplectic blowups of the complex projective plane and counting toric actions* (59 pages),  
<http://www.utm.utoronto.ca/~karshony/papers/algorithm.121221-clean.pdf>
- **L. Kessler**, *Symplectic forms on the space of embedded symplectic surfaces and their reductions* (20 pages), arXiv:1108.0636.

**Lecture notes:**

- **L. Kessler**, *Introduction to mathematical logic and set theory, MIT, Fall 2008:*  
<http://www-math.mit.edu/~kessler/teaching/intro/groupnotes.html>
- **L. Kessler**, *Group actions on symplectic manifolds, Courant Institute, Fall 2005:*  
<http://www.math.nyu.edu/~kessler/teaching/group/groupnotes.html>

**Thesis:**

- **L. Kessler**, *Torus actions on small blow ups of  $\mathbb{C}P^2$* , Ph.D. Thesis, The Hebrew University of Jerusalem, 2005.