

PREPRINT 01

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ABSTRACT.

1. INTRODUCTION

Acknowledgements.

2. SYMPLECTIC TORIC MANIFOLDS & ORBIFOLDS

3. HYPERTORIC MANIFOLDS & SYMPLECTIC CUTTING

3.1. Symplectic Toric Manifolds.

3.2. Symplectic Toric Orbifolds. The symplectic toric manifolds and their associated Delzant polytopes in the previous subsection were generalised to symplectic toric orbifolds in [1], where the associated polytope *non-basic*, that is we weaken the conditions on the edge vectors to each vertex so that they no longer need to be form a \mathbb{Z} -basis.

4. INDEX THEORY AND LOCALISATION

4.1. Subsection.

REFERENCES

- [1] Eugene Lerman and Susan Tolman. Hamiltonian torus actions on symplectic orbifolds and toric varieties. *Trans. Amer. Math. Soc.*, 349(10):4201–4230, 1997.

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