

AVERAGING RESULTS

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ABSTRACT.

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1. INTRODUCTION

2. QUESTIONS

Theorem 2.1. Let $V \subseteq T_N \subseteq X_\Sigma$, be an algebraic subvariety compatible with the toric variety X_Σ . Let

$$\bar{V}_\mu := \int_{x \in (S^1)_N} [\bar{V}] d\mu(x),$$

where μ is a Haar measure on S_N^1 , has a continuous superpotential.

Question 2.2.

- (a) I am not sure if you wrote down the proof for codimension 1 case at some point.
- (b) Do we have any equality of type below, maybe under some homothety? It's

$$\bar{V}_\mu \wedge \bar{V}'_\mu \geq \overline{(V \wedge V')}_\mu$$

- (c) What's the speed of convergence for dynamical tropicalisation? How about the slices?

REFERENCES

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