Mohamed Abozaid: Symplectic Reflections on Tropical Geometry

Remarks: Going from tropical $\mathcal{V} \rightarrow \mathcal{V}_L$ Logargrian is hard currently.

**Prop. → File:**
- Show how to assign a logargrian to each tropical cell.

**Conj.** Tropical groups sketch consisting of smooth lines meeting cleanly.

**Cor.** arXiv:0904.1474 v3.

\[
\begin{align*}
\text{additional edge} & \quad \text{two edges have a} \\
& \quad \text{min at same} \\
& \quad \text{vertex.}
\end{align*}
\]

\[ f = r^2 \text{ distance to origin.} \]

\[ \text{index 1 cut point.} \]


\[ \text{conormal construction everywhere.} \]

\[ \text{Matrix factorization: category} \]

\[ \text{regularity of hol. tons} \]

\[ \text{Sing} (\mathcal{V}) = \text{cod lines, sing at origin.} \]
Lag's cycle is $\partial$ coamoeba (Nish).

$$(1 + x + y = 0 \subset \mathbb{C}^2) \rightarrow T^2 \rightarrow \mathbb{R}^2$$

by H"{a}k.

\[ \text{Hf}^*(L) = \Lambda^4 \mathbb{C}^3 \]

Thas: $\partial$ coamoeba of a hyperplane in $\mathbb{C}^2$

is an immersed Lag sphere whose Floer

which is $\Lambda^4 \mathbb{C}^2$

A x sted not toral.

Dense: $\exists$ "local" category

which is Is. to $\text{Fuk}$ of $\mathcal{B}^W$.