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*Geometry and topology of phase tropical hypersurfaces*

We will start by giving the definition of phase tropical hypersurface in terms of some degeneration data of smooth hypersurface in  $(\mathbb{C}^*)^n$ . First, we prove that pair of pants are homeomorphic to their degeneration called phase tropical pair of pants. As we know, by Mikhalkin's theorem, smooth hypersurfaces have a decomposition into by pair of pants, we show the more general situation by gluing these pair of pants. Moreover, we show that there is a symplectic structure on phase tropical hypersurfaces. This is joint work with Mounir Nisse.