



Geometry Webinar AmSur/AmSul

Soliton solutions to the curve shortening flow on the 2-dimensional hyperbolic space

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10/09/2021 - sexta-feira

14:00 - Online

Resumo: In this talk, I will describe how to use weak versions of the mean curvature flow to show that certain hyperbolic 3-manifolds admit smooth entire foliations whose leaves are either minimal or have non-vanishing mean curvature. This is joint work with Marco Guaraco (Imperial College) and Franco Vargas Pallete (Yale University).