

Liouivlle-type theorems for the stationary

tropical climate model



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Abstract: In this talk, we discuss Liouivlle-type theorems for the stationary tropical climate model. Firstly, we introduce the tropical climate model (TCM) and the mathematical features and results related to (TCM). I will also present the famous results of the Liouivlle-type problems for the Navier—Stokes equations. At the end of the talk, I will show our recent results of the Liouivlle-type problems for (TCM). This talk is based on the joint work with Youseung Cho and Minsuk Yang (Yonsei University).

