

國立中山大學應用數學系

學術演講

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講題：On the bubbling solutions of the Liouville Systems

時間：2021/10/08 (Friday) 16:10 ~ 17:00

地點：本次為視訊演講 (理 SC4009-1 教室)

Google Meet Link : <https://meet.google.com/bmi-oied-onb>



Abstract

The Liouville systems have several applications to the various areas of biology, geometry and physics. For example, the abelian Chern-Simons system with N-Higgs fields can be regarded as a perturbation of the Liouville system. Also, the nonlocal Liouville system corresponds to the stationary or self-similar Patlak-Keller-Segel system. In this talk, I will review some recent results on this system, and its connection to the Patlak-Keller-Segel system. I shall especially focus on the bubbling phenomenon of the solutions.

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