

NTU Math Seminar

演講者 : Prof. Yu-Min Chung (University of North Carolina at Greensboro)

講題 : Computational topology with applications in the imaging sciences

時間 : 2018年6月11日 (星期一) 15:30-16:30

地點 : 臺灣大學天數館 202 室

摘要 : Computational topology is a relatively young field in algebraic topology. Tools from computational topology have proven successful in many scientific disciplines, such as fluid dynamics, biology, material science, climatology, etc. In this talk, we will give a brief introduction to computational topology, focusing primarily on persistent homology. Applications to various datasets from cell biology and climatology will be presented to illustrate the methods.

茶會 : 15:00-15:30