

國立中山大學應用數學系

學術演講

講者：Dr. Seonghyeon Jeong (Michigan State University)

講題：Wasserstein distance and displacement interpolation

時間：2021/09/08 (Wednesday) 10:00 ~ 11:00

地點：本次為視訊演講 (Or join us at NSYSU room 理 4009-0)

Google Meet Link：<https://meet.google.com/vsk-vjgd-wfb>



Abstract

The optimal transportation problem has many applications in geometry, fluid dynamics, and a lot of fields in applied mathematics. Many applications of the optimal transportation problem use Wasserstein distance between measures in various ways. In this talk, I will present some properties of Wasserstein distance and R. McCann's displacement interpolation. Also, I will introduce a proof for the isoperimetric inequality using optimal transportation, and I will introduce some examples in applied mathematics which uses Wasserstein distance.

應用數學系：<http://math.nsysu.edu.tw>

校園地圖：http://math.nsysu.edu.tw/var/file/183/1183/img/779/nsysu_math_map.jpg

交通資訊：<https://www.nsysu.edu.tw/p/412-1000-4132.php?Lang=zh-tw>



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