

國立中山大學應用數學系

學術演講

- 講者：Professor Lajos Molnár
University of Szeged, and Budapest University of
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- 講題：Thompson isometries on positive definite
cones in C^* -algebras and their applications
- 時間：2019/03/14（星期四）14:10 ~ 15:00
- 地點：理學院四樓理 SC 4009-1 室
- 茶會：15:00 於理 SC 4010 室（系辦公室）

摘要

In this talk we first present a result by Hatori and Molnár in which we described the structure of all surjective maps between the positive definite cones of C^* -algebras that are isometries with respect to the so-called Thompson part metric.

Next we give several applications of that result concerning the descriptions of preservers of Rényi, Umegaki, Belavkin-Staszewski relative entropies on density spaces of C^* -algebras as well as the isometries of the Bures-Wasserstein metric on positive definite cones.

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