

國立中山大學應用數學系

學術演講

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講題：Poincare series of Coxeter groups

時間：2015/09/25 (星期五)
16:10 ~ 17:00 pm

地點：理學院四樓理 SC 4009-1 室

茶會：15:30 於理 SC 4010 室 (系辦公室)

摘要

The Poincare series is a power series associated to a Coxeter group, which is well-studied in the past few decades. In general, the Poincare series can be shown as a rational function in several different ways and each way provides a different insight of the Coxeter group.

In this talk, we study the alternating product of Poincare series of parabolic subgroups in a given affine Coxeter group. We will show that such alternating product has a simple form, which has a beautiful geometric interpretation.

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