

第05回 Martin Guest

- 講演者 : **Martin Guest**氏 (早稲田大学)
- 題目 : The (enhanced) Coxeter Plane: an application of differential equations to Lie theory
- 日時 : 2019年6月18日 (火) 16:30 ~ 17:30
- 場所 : 数学科セミナー室 (4号館3階)

[seminar, 2019](#)

abstract

The Coxeter Plane is obtained from the root system (of a Lie algebra) by projecting the roots to a certain 2-dimensional plane. The resulting picture was discovered by Coxeter in his investigations of polytopes - but rarely appears in the Lie theory literature. We shall give another description of the Coxeter Plane, arising (in a rather unexpected way) from the theory of ordinary differential equations and integrable systems. This is joint work with Nan-Kuo Ho of National Tsing-Hua University, Taiwan.

[<6>]

From:

<https://wiki.ma.noda.tus.ac.jp/rs/> - (旧)理工学部 数学科

Permanent link:

<https://wiki.ma.noda.tus.ac.jp/rs/seminar/2019/005>

Last update: **2021/02/11 10:13**

