國立中山大學應用數學系
學術演講

講　者：Prof. Cho-Ho Chu (朱礎豪教授)
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講　題： 1. *Left and right in mathematics*
　　　　　2. *Jordan algebras and geometry*
時　間：2015/9/4（星期五）
　　　　　1. 14:10 ~ 15:00 pm,
　　　　　2. 15:30 ~ 16:30 pm
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）

Abstract

1. Left and right symmetry occurs frequently in nature and art, and often evokes a sense of beauty and balance. It is well-known, however, that laws of nature do not always obey left-right symmetry. What can we say about left and right in mathematics, and the connections to the natural world? This talk is intended for a general audience including undergraduates. It also provides some background for the talk "*Jordan algebras and geometry*".

2. The importance of Lie algebras in geometry is well-known. However, the role of Jordan algebras in geometry seems less recognized. We will discuss the connections of Jordan algebras to Lie algebras and some recent applications to geometry. This talk should be accessible to postgraduate students in mathematics.

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