

THE UNIVERSITY



OF HONG KONG

Department of Mathematics

COLLOQUIUM

Mathematical aspect of the combinatorial game “Mahjong”

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Abstract

We study some mathematical aspects of the Mahjong game. In particular we use combinatorial theory and write a Python program to study some special features of the game. The results confirm some folklore concerning the game, and expose some unexpected results. Related results and possible future research in connection to artificial intelligence are mentioned.

Joint work with Yuan Cheng (College of William and Mary), Sharon H. Li (Microsoft).

Date: February 14, 2018 (Wednesday)

Time: 3:00 - 4:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

All are welcome