

There is no integer between 0 and 1



by

Professor William Chen

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Emeritus Professor of Mathematics, Macquarie University*

Date: October 18, 2012 (Thur)

Time: 5 pm - 6:30 pm
(light refreshments from 4:30 pm)

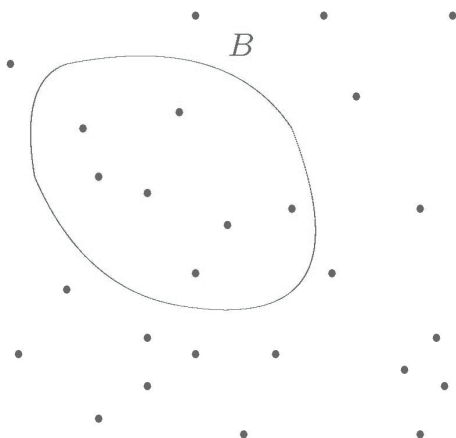
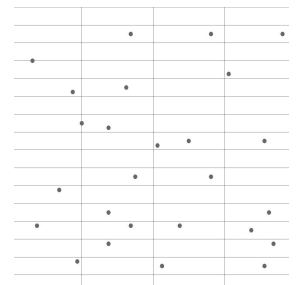
Venue: Theatre T6, Meng Wah Complex, HKU

Medium: English

Admission: Free

ABOUT THE SPEAKER

Born in Hong Kong, William Chen obtained his PhD in mathematics at Imperial College London under the guidance of Klaus Roth (Fields Medallist 1958), and immediately joined the permanent faculty there. He subsequently moved to Macquarie University Sydney, where he was Head of Mathematics (twice), and is currently Emeritus Professor of Mathematics there. He has been a major contributor to geometric discrepancy theory for over thirty years, particularly to upper bound questions, and is co-author of the monograph "Irregularities of Distribution". He is also the son of the late Dr Doris Chen, the first female academic in mathematics at HKU.



ABSTRACT

In this talk for a very general audience, we give a very simple introduction to some of the ideas in geometric discrepancy theory. We introduce the audience to some of the main contributors to the subject, and illustrate some of their beautiful, simple and yet powerful ideas. The audience will see how many ideas from different parts of mathematics come into play in a natural way. We also give some examples of how these questions relate to the real world.