

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Number Theory Seminar

Distribution of Kloosterman paths of powerful moduli

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Abstract

Kowalski & Sawin recently studied the probabilistic properties of path in the 2-dimensional euclidian space built by joining the partial sums of Kloosterman sums with prime moduli. We shall present their result and show how to extend it to powerful moduli.

Date: August 20, 2019 (Tuesday)

Time: 10:30 - 11:30am

Venue: Room 320A, Run Run Shaw Bldg., HKU

All are welcome