

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research
Department of Mathematics*

Number Theory Seminar

Rationality of a generating series from the affine Springer fibers

Dr. Zongbin Chen

Tsinghua University, China

Abstract

The affine Springer fibers are the geometric incarnation of the orbital integrals, they have complicated but beautiful geometric structure. In this talk, I will explain a rationality phenomenon about counting points on the affine Springer fibers.

| | |
|--------|---|
| Date: | December 13, 2021 (Monday) |
| Time: | 10:30 - 11:30am (Hong Kong Time) |
| Venue: | ZOOM: https://hku.zoom.us/j/ |
| | Meeting ID: 999 0463 7074 |
| | Password: 483015 |

All are welcome