



# 北京理工大学

## 2024 TALKS IN COMBINATORICS



范久瑜，四川大学数学学院副教授，主要从事 Schubert 计数演算的组合学，凸多面体的组合学等课题的研究，与合作者解决了 Reiner, Lam, Yong 以及 Brenti 等学者提出的多个公开猜想。先后主持国家自然科学基金青年基金，面上项目等。在包括 Math Z, JCTA, Math Comput, J Pure Applied Algebra, SIAM J Discrete Math, Adv Appl Math, Discrete & Comput Geom, Sci China Math 等学术期刊上发表多篇论文。

### Pieri rules for motivic Chern classes of Schubert cells orders

Motivic Chern classes are the  $K$ -theoretical generalization of Chern–Schwartz–MacPherson (CSM) classes, which also specialize to Chern classes, Todd classes, and  $L$ -classes and etc. In this talk, we shall first recall the Pieri rules for Schubert classes,  $K$ -classes, CSM classes and then introduce a Pieri rule for motivic Chern classes of Schubert cells in the equivariant  $K$ -theory of Grassmannians. This talk is based on joint work with Long Guo, Changjian Su and Rui Xiong.

2024.09.12 (Thu) 10.10–11.10 am

Tencent 127-202-968

邀请人：王国亮 glw@bit.edu.cn