



报告时间：2024 年 06 月 30 日 09: 40--10: 30

报告地点：安徽大学磬苑校区理工楼 H 楼 306

报告题目：来自轨形的正性猜想

报告人：黄敏

报告内容：Let  $\Sigma$  be a marked orbifold with or without punctures and let  $\mathcal{A}_v$  be a quantum cluster algebra from  $\Sigma$  with arbitrary coefficients and quantization. We provide a unified combinatorial formula for quantum Laurent expansion of quantum cluster variables of  $\mathcal{A}_v$  concerning an arbitrary quantum seed. Consequently, the positivity for the quantum cluster algebra  $\mathcal{A}_v$  is proved. This talk is based on the preprint arXiv:2406.03362

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