数理物理セミナー

2022 年 6 月 10 日

15:00-16:30（2 号館 609 教室）

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Earthquake theorem and cluster algebras

An earthquake map is defined and the earthquake theorem is proven by Thurston. It is applied to solving Nielsen realization problem by Kerckhoff.　We calcurate an earthquake map from the shear coordinates by Fock and Goncharov, which is born from cluster algebras, and newly define an earthquake map for mutation classes of finite type and prove the earthquake theorem with Tsukasa Ishibashi and Syunsuke Kano.