Asymptotic behavior of grafting ray

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In this talk, we investigate the properties of grafting rays on Teichmüller space. In particular we show that the grafting ray converges to some point in Thurston boundary if the grafting measured lamination is either a maximal uniquely ergodic measured lamination or a system of simple closed curves. We also show that the grafting ray lies in bounded distance from the Teichmüller geodeisc in this case.

1 Presented by Inkang Kim