

FWF

Der Wissenschaftsfonds.



Analysis und Zahlentheorie

Mathematisches Kolloquium

06.12.2019, 14:00 Uhr

Seminarraum Analysis-Zahlentheorie, Kopernikusgasse 24, 2.OG

n points on the projective line

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Deligne, Knudsen and Mumford developed the concept of stable curve in order to find a geometric compactification of curves of genus g with n marked points on them. They used quite a bit of heavy machinery to carry out their constructions and proofs. In the talk, we will restrict to genus zero, i.e., the projective line, and propose an elementary approach, using graph theory and the concept of phylogenetic trees. The lecture addresses a general audience.

Michael Wibmer