

1156-32-142

Sudeb Mitra* (sudeb.mitra@qc.cuny.edu), Department of Mathematics, Queens College, CUNY, 65-30 Kissena Blvd, Flushing, NY 11367. *Real-analytic sections for Teichmüller curves*. Preliminary report.

In an important paper, Clifford J. Earle showed that Teichmüller spaces (in general) do not admit holomorphic sections. Later, in his famous thesis, John H. Hubbard showed that Teichmüller curves (in general) do not admit holomorphic sections. In our talk, we will use Douady-Earle sections for Teichmüller spaces to study real-analytic sections for Teichmüller curves. (Received January 20, 2020)