

1129-30-160

**Dragomir Saric\*** ([dragomir.saric@queens.cuny.edu](mailto:dragomir.saric@queens.cuny.edu)) and **Ara Basmajian**. *The type problem and Fenchel-Nielsen coordinates for hyperbolic surfaces-Part 2*. Preliminary report.

This is part two of a two part talk in which we describe new results involving the relationship between Fenchel-Nielsen coordinates and a version of the classical type problem (whether or not the surface carries a Green's function). In particular, we study so called tight flute surfaces- possibly incomplete hyperbolic surfaces constructed by linearly gluing infinitely many tight pairs of pants along their cuffs- and the relationship between their type and geometric structure. This is joint work with Ara Basmajian who will give part one. (Received March 12, 2017)