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**Ara S. Basmajian\*** (abasmajian@gc.cuny.edu), 695 Park Ave., New York, NY 10065, and  
**Dragomir Saric.** *The type problem and Fenchel-Nielsen coordinates for hyperbolic surfaces - Part 1.* Preliminary report.

This is part one 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 Dragomir Saric who will give part two. (Received March 12, 2017)