

Seminarium geometrów

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Wtorek, 14.06.2022, 14:15 Webminar

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Tree of graph boundaries of hyperbolic groups

Abstract: Trees of graphs are inverse limits of particularly simple inverse systems of finite graphs. In recent joint work with Świątkowski, we characterized the 1-ended hyperbolic groups whose boundaries are trees of graphs in terms of their Bowditch JSJ decomposition. I will discuss this characterization and part of its proof. Specifically, I will discuss connectedness properties of tree of graph boundaries of hyperbolic groups and how these properties restrict the form that the Bowditch JSJ decomposition can take.

This is a joint work with Jacek Świątkowski.

streaming via ZOOM:

Meeting ID: 967 6507 7409

Meeting password: "GS" (two letters) followed by the Euler characteristic of the closed orientable surface of genus 89.