

Anosov Representations and Lorentzian space-times.

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In this talk, I will give an overview on two decades of development of the theory of representations of Gromov hyperbolic groups into $SO(2,n)$, inspired by the geometric feature involved in General Relativity and impelled by the pioneering paper [6] (pre-published in 1992).

I will also explain how the preprint [1], as partially explained in [7], open the way to a generalization of the main results in [2, 5, 3], summarized in [4], leading to an AdS/CFT correspondence in a new context of multi-black holes in AdS geometry.

References

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