

# PATTERSON CONSTRUCTION FOR CONFORMAL MEASURES

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ABSTRACT. The original construction of S.J. Patterson of conformal densities on limit sets of Fuchsian groups ([1],[2]) can be formulated for quite general families of measurable maps, and in a purely algebraic way. The talk will present some new aspects of this construction, in particular extend the results in [3].

Literature:

- [1] S. J. Patterson: Acta Math. 136 (1976)
- [2] M. Denker, B. Stratmann: In: Contributions in Analytic and Algebraic Number theory. Springer 2012.
- [3] M. Denker, M. Urbański: Trans. Amer. Math. Soc. 328 (1991)