

INDAM MEETING:
**HYPERBOLIC DYNAMICAL SYSTEMS
IN THE SCIENCES**

CORINALDO (ITALY)
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Subdiffusive behaviour generated by some non-hyperbolic system

We present some results on the asymptotic behaviour of ergodic sums for simple non-hyperbolic systems, such as irrational rotations of the circle. For suitable observables these results yield information on the kind of diffusive behaviour for dynamically generated random walks.