

# Teoria Ergódica Clássica e Infinita

## Programa:

1. Revisão de Teoria Ergódica Clássica,
2. Recorrência,
3. Teorema Ergódico de Aaronson,
4. Teorema Ergódico de Hopf,
5. Ergodicidade Racional,
6. Exemplos.

## Bibliografia:

1. J. Aaronson, *An Introduction to Infinite Ergodic Theory*. AMS, 1997.
2. R. Adler, B. Weiss, *The ergodic infinite measure preserving transformation of Boole*. Israel Journal of Math. **16**, 1973.
3. M. Lenci, *Infinite-volume mixing for dynamical systems preserving an infinite measure*, Procedia IUTAM 5 (2012), 204-219.
4. R. Zweimller, *Surrey Notes on Infinite Ergodic Theory*. University of Surrey, 16th-19th March 2009.