

## Levels of Chaoticity on Action groups and its applications of Turing Machines

*Thursday, 12 January 2023 18:00 (1 hour)*

Iâll introduce this context to some levels of chaoticity in group actions, at the local level, seeking to verify that some classic properties are fulfilled for a given group. Afterward, it is proposed to study the relationship between notions of Chaos (in a distributional and Li-Yorke sense) with the property of undecidability. Finally, some examples of this will be given.

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