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Education

2023-2024
Master's in Data Science
University Aix-Marseille

2019-2020
Master 2 fundamental mathematics
University Sorbonne-Paris Nord

Programming

Python, R, Latex

Language

English (TOEIC B2)
French (professional efficiency)
Arabic (native tongue)

Hobbies

Chess (beginner)
Jooging, Football

Houssam BOUKHECHAM

I am currently an ATER (Attaché Temporaire d'Enseignement et de Recherche) at Aix-Marseille University, a one-year research and teaching position. My research focuses on change point detection, particularly the application of frequency-domain methods for identifying change points in EEG data.

Experience

● **Teaching**
I have been teaching bachelor's degree courses since 2021, including Introduction to Probability, Calculus, and lab sessions for Computational Statistics.

● **2020 - 2023**
University Paris-Est Creteil
PhD student
Hyperbolic dynamical systems with weak regularity.

Research and Publication

● EEG classification approaches using the FreSpeD method (ongoing research).

● Implementation in R of the FreSpeD method (work in progress).

● Mixing speed and stability of SRB measures through optimal transportation.

● SRB measures for hyperbolic attractor in low regularity, Journal of Dynamical Systems Taylor and Francis.