

TAREK MEDKOUR

Email : tarek.medkour@ensia.edu.dz

Office Address : A2-03

Research Interests

Time series analysis, spectral estimation, graphical modeling, multivariate analysis, probability and statistics, statistical inferences.

Education

- 2004-2007 **Imperial College London London, UK**
PhD Statistics. **Title:** Advances in the Theory and Application of Bivariate Complex Gaussian Vectors.
Supervisor: Prof. A. T. Walden.
- 2000-2004 **Imperial College London, London, UK**
MSci Mathematics
- 1999 **Lycee Zinei , Algeria**
Baccalauréat en Sciences Exactes.
Mention : Très bien.

Research Projects

- 2015 **Méthode Statistiques Traitement des Données, USTHB.** Project Manager.
Code : C0652501.
- 2020 – 2024 **Analyse de Données Temporelles.** Project Manager.
PRFU Project. Code : C00L03UN160420200005.
- 2015 - 2019 **Modélisation des données catégorielles et modèles graphiques.** Project Member.
CNEPRU Project. Code : C00L03UN160420150001.

Recent Publications

- 2023 **Seismic Hazard Parameters in Major Cities of Northern Algeria Using Statistical Tools**
M Merdasse, M Hamdache, JA Pelaez, J Henares, T Medkour
Pure and Applied Geophysics, 1-22
Earthquake Magnitude and Frequency Forecasting in Northeastern Algeria Using Time Series Analysis
M Merdasse, M Hamdache, JA Peláez, J Henares, T Medkour
Applied Sciences 13 (3), 1566
- 2020 **Penalised quantile periodogram for spectral estimation**
A Meziani, T Medkour, K Djouani
Journal of Statistical Planning and Inference 207, 86-98
Testing discrete-valued time series for whiteness
H Brairi, T Medkour
Journal of Statistical Planning and Inference 206, 43-56
- 2019 **A Lasso quantile periodogram based feature extraction for EEG-based motor imagery**
A Meziani, K Djouani, T Medkour, A Chibani
Journal of Neuroscience Methods 328, 108434