

Jean-Jacques GODEME

114 Rue de Lebissey, apt N1 004

P.O.Box 14000, Caen

☎ Tel: +33 764353727

✉ jeanjacquesgodeme@gmail.com

Curriculum Vitae

Personal Information

Full Name GODEME Jean-Jacques Narcisse
Date of Birth December 29, 1996
Nationality Benin
Interests: Optimization(convex, non-convex/smooth, non-smooth), Bregman-based algorithms, Inverse problems, Computational Optimal Transport.

References

Jalal Fadili, Jalal.Fadili@ensicaen.fr, (PhD supervisor).
Claude Amra, claud.amra@fresnel.fr, (collaborations on applied optics).
Léonard Monsaingeon, leonard.monsaingeon@gmail.com, (Master thesis supervisor).

Publications and Pre-prints

J.-J. Godeme, J. Fadili, G. Soriano, M. Zerrad, M. Lequime, and C. Amra. "Stable Phase Retrieval with mirror descent.", (To be submitted), 2023.
X. Buet, M. Zerrad, M. Lequime, G. Soriano, J.-J. Godeme, M.J. Fadili, C. Amra, "Instantaneous measurement of surface roughness spectra using white light scattering projected on a spectrometer", hal-03925658, 2023.
J.-J. Godeme, J. Fadili, X. Buet, M. Zerrad, M. Lequime, and C. Amra. "Provable phase retrieval with mirror descent." arXiv:2210.09248, 2022.
X. Buet, M. Zerrad, M. Lequime, G. Soriano, J.-J. Godeme, M.J. Fadili, C. Amra, "Immediate and one-point roughness measurements using spectrally shaped light", Optics Express, Vol. 30, No. 10, pp. 16078-16093, 2022.
Master thesis: "A new transportation distance with bulk/interface interactions and flux penalization" with Leonard Monsaingeon and Thomas Gallouet.

Conferences, workshops and Invited talks

Workshop GdR MOA, 11-14/10/2022, Nice/France (Presentation of "Provable phase retrieval with mirror descent").
Conference GretsI on Image and signal processing, 06-09/09/2022, Nancy/France (Presentation of "Provable phase retrieval with mirror descent").
Curves and Surfaces, 20-24/06/2022, Arcachon/France (Presentation of "Provable phase retrieval with mirror descent").
SMAL-Mode days, 30-03/06/2022, Limoges/France (Presentation of "Provable phase retrieval with mirror descent").
Winter School: On applied non-linear dynamics and scientific writing, 4-8/02/2019, M'Bour/Senegal.
Operations Research Techniques and Applications School for Africa (ORTASA), 20-29/11/2018, Dangebo/Benin.

Education

- 2020-2023 **(Current position)**, *Phd student in applied mathematics*, GREYC, ENSICAEN, Normandy University, France, under the supervision of Jalal Fadili.
2019-2020 **Master 2 in Optimization**, *Faculty of Sciences of Orsay*, University of Paris-Saclay, France.
Some courses: Advanced Continuous Optimization, PDE's: Elliptic Equations, Optimal transport, Calculus of variations, Advanced Game theory, etc.
2017-2019 **Master's Degree in Operational research**, *Institut de Mathématiques et de Sciences Physiques*, University of Abomey-Calavi, Benin.
2014-2017 **Bachelor Degree in Mathematics and Computer science**, *Institut de Mathématiques et de Sciences Physiques*, University of Abomey-Calavi, Benin.

Skills

Latex, Matlab, Freefem++.