

DJOUKENG ETIENNE

Certified High School Math Teacher

PhD Student

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Great-Soppo

PO Box 63, Buea, Cameroon



PROFESSIONAL SUMMARY

Dedicated researcher and academic with a strong background in Mathematics, specializing in Differential Geometry and Algebra. Currently pursuing a PhD in Mathematics, with research focusing on the Cosymplectic and symplectic Geometry. Experienced in University-level teaching as a Graduate Teaching Assistant (GTA), with active participation in international conferences and academic publications.

EDUCATION

2020 – Current

PhD in Mathematics

Option: Differential Geometry and Algebra.

University of Buea

2018-2020

Master of Science in Mathematics

University of Buea

2012-2014

Secondary School Teacher Diploma II

HTTC of Bambili/University of Bamenda

2006-2011

Bachelor's Degree of Science in Mathematics

University of Yaounde 1

EXPERIENCE

2016 - Current

Bilingual Grammar School of Buea

Full time Teacher

Duties and Responsibilities

- Planning and delivering Mathematics lessons in Middle and High school
- Assessing students learning and progress regularly according to the national standards.

2021 - Current

University of Buea

Graduate Teaching Assistant

Duties and Responsibilities

- Preparing and delivering Tutorials in algebra, geometry, analysis, statistics and probability to undergraduate students in the Faculty of Science.
- Collaborating and communicating with the lecturer to assist students and facilitate the learning process

2023 - Current

National Advanced School of Public Work, Annex of Buea

Part time teacher

Duties and Responsibilities

- Planning and delivering lectures on Algebra, geometry, analysis to Higher Technical students of Land and Surveying.
- Assessing students learning and progress regularly according to the school standards

Skills

- | | |
|------------------------------|--------|
| • Mathematics Proficiency | Expert |
| • Classroom Management | Expert |
| • Technology Integration | Expert |
| • Assessment and Evaluation | Expert |
| • Innovative Teaching Method | Expert |
| • Research & Publications | Expert |
| • Cultural Competences | Expert |

LANGUAGE

- | | |
|-----------------|-------|
| • English | ●●●●○ |
| • French | ●●●●○ |
| • Yemba (local) | ●●●●○ |

HOBBIES

- Soccer
- Traditional music
- Reading

SOME SEMINARS AND CONFERENCES

13 June 2022 – 25 June 2022

School of Geometry

Brazzaville, Congo

Participant under the sponsorship of CIMPA.

25 February 2019 – 03 March 2019

Teaching Mathematics Differently

Douala, Cameroon

Participant under the sponsorship of Master cards Foundation and AIMS Cameroon.

1 August 2022 – 6 August 2022

Panafrican Congress of Mathematicians

Brazzaville, Congo

Participant and speaker under the sponsorship of ICTP.

25 May 2022 – 27 May 2022

Professional and communication Training for Scientists (SMR 3710)

Online

Organized by ICTP

11 January 2024

Optimization of digitalization resources in the teaching of Mathematics

Tiko, Cameroon

Participant under the sponsorship of the Ministry of secondary school.

Publications

- 1- S. Tchuiaga and E. Djoukeng, (2025), *On the extended Lee homomorphism on locally conformal cosymplectic manifolds*, IJGMMP, doi: 10.1142/S0219887825400262
- 2- S. Tchuiaga, F. Balibuno and E. Djoukeng, (2025), *Cosymplectic Lagrangian-like submanifolds*, arxiv:2501.00694
- 3- S. Tchuiaga, C. Dor, M. Djiadeu and E. Djoukeng, (2025), *Cosymplectic Linear transformations*, Preprint.

REFERENCES

Available upon request.