

Dr. Hans FOTSING T.

1. Personal informations

- ✉ First name: Hans Last name: FOTSING TETSING
- ✉ Date and place of birth: October 7, 1987 at Nkapa, Cameroon
- ✉ Current nationality: Cameroonian
- ✉ Current country of residence: Cameroon
- ✉ Marital status: Married, with one child
- ✉ Sex: Male
- ✉ Emails: hans.fotsing@aims-cameroon.org / hans.fotsing@imsp-uac.org
- ✉ Tel: (+237) 691 17 15 79 / 653 60 43 08

2. Current Positions

- ✉ Tutor (Teaching Assistant) at AIMS-Cameroon

3. Positions held in recent past

- ✉ September 2016 - July 2017: Part-time Lecturer at the University of Douala
- ✉ September 2016 - may 2017: Part-time Lecturer in Mathematics at the Institut Universitaire de la Côte <http://www.iuc-univ.net/>
- ✉ November 2016 - December 2016: Tutor at AIMS-Cameroon
- ✉ October 2014 - June 2015: Lecturer at an University Institute in Benin; SAPI-ENSA
- ✉ January 2014 - June 2014: Mathematics teacher at *Lycée Toffa 1er*, Porto-Novo, Benin
- ✉ September 2012 - June 2013: Mathematics teacher at *College Benedicte*, Douala, Cameroon

4. Scholarships

- ✉ October 2015 - August 2016: Thesis scholarship awarded by the CEA-SMA program of the World Bank
- ✉ October 2013 - August 2015: Thesis scholarship awarded by the ICTP foundation

5. Education

- ✉ September 2013 - August 2016: PhD Thesis (Doctorate) in Mathematics, Option: Differential Geometry, at Institut de Mathématiques et de Sciences Physiques (IMSP), Benin
- ✉ January 2013 - November 2013: Master's degree in pure Mathematics, at the University of Douala, Cameroon
- ✉ October 2011 - September 2012: Undergraduate in pure Mathematics, at the University of Douala, Cameroon
- ✉ October 2010 - June 2011: Bachelor's degree in pure Mathematics, at the University of Douala, Cameroon

6. Fields of interest

- ✉ Differential geometry and especially (semi-)Riemannian geometry
- ✉ Geometry and Physics of lightlike sub-manifolds
- ✉ General Relativity

7. Computer skills

- ✉ Good knowledge of the following programming languages and software : GAP, Sage, Maple, text editors Office Word, Scilab, Matlab, Mathematica, LaTeX, C, C++, html, css, php, Java, Javascript, Python, ...

References

- [1] Atindogbe, C., Fotsing, H.T.: Newton transformations on null hypersurfaces. *Communication in Mathematics* **23**(1) (2015) 57–83 <http://dml.cz/handle/10338.dmlcz/144359>.
- [2] Fotsing, H.T., Ngakeu, F.: Null hypersurfaces and trapping horizons. (12 Jun 2017) arxiv: 1706.03861v1 [math.DG].
- [3] Atindogbe, C., Fotsing, H.T., Ngakeu, F.: Normalized null hypersurfaces in the lorentz-minkowski space satisfying $l_r\psi = u\psi + b$. Submitted (2016)
- [4] Fotsing, H.T.: L_r -normalized null hypersurfaces in Lorentzian space forms. PhD Thesis written at Institut de Mathématiques et de Sciences Physiques (IMSP), University of Abomey-Calavi (2016) supervisor: Professor C. Atindogbé.

Douala, September 20, 2017



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