

CURRICULUM VITEA

NGUEUTEU MBOUNA Serge Gervais

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Born at **Foto** on the **02/01/82**
Cameroonian living in Yaoundé
Single man without child

EDUCATION

- From 2008 **Ph.D. Degree in Physique, option Mechanics (ongoing)** on the theme
“Synchronization in chains, rings and network of electromechanical devices”
Faculty of Science, University of Yaoundé I
- 2004 - 2006 **Master’s Degree (with thesis) in Physics, option Mechanics** (grade: **Good**) on
the theme “ Dynamics and synchronisation of two electromechanical devices
with cubic and quintic nonlinearities”
Faculty of Science, University of Yaoundé I
- 2004 - 2006 **Secondary and High School Teacher’s Diploma in Physics** (grade: **Fairly Good**)
Advanced Teachers’ Training College of Cameroon, University of Yaoundé I
- 2003 - 2004 **Master in Physics, option Mechanics** (grade: **Fairly good**)
Faculty of Science, University of Yaoundé I
- 2000 - 2003 **Bachelor’s Degree in Physics** (grade: **Fairly good**)
Faculty of Science, University of Yaoundé I
- 2000 A level equivalent (**Bac. C**) specialised in Mathematics and Physics’ Sciences
(grade: **Average**)

SCIENTIFIC ACTIVITIES

- **Scientific field of interest:** Dynamics and synchronization of nonlinear systems.
Applications in electromechanical engineering.
- **Defended work:** “Dynamics and synchronisation of two electromechanical devices with
cubic and quintic nonlinearities”. **Master’s Degree (with thesis)**, University of Yaoundé I,
Cameroon. April 2006. Supervisors: Dr. Yamapi René and Prof. Wofo Paul.
- **Ph.D. Degree (ongoing) on the theme:** “Synchronization in chains, rings and network of
electromechanical devices”. Supervisors: Dr. Yamapi René and Prof. Wofo Paul.

- **Publications:**

1. **G. S. Mbouna Ngueuteu**, R. Yamapi, P. Wofo. *Effects of higher nonlinearity on the dynamics and synchronization of two coupled electromechanical devices*. Communication in Nonlinear Sciences and Numerical Simulations **13**, 7 (2008) 1213-1240.
2. **G. S. M. Ngueuteu**, R. Yamapi, P. Wofo. *Stability of synchronized network of chaotic electromechanical devices with nearest and all-to-all couplings*. Journal of Sound and Vibration **318** (2008) 1119–1138.

- **Unpublished work:**

G. S. Mbouna Ngueuteu, R. Yamapi and P. Wofo. *Synchronization analysis in a global weighted network of chaotic electromechanical devices*.

- **Ongoing works:**

Dynamics and synchronization of fractional-order electromechanical systems.

PROFESSIONAL EXPERIENCE

From May 2007

Government secondary school of Mbangassina

Teacher of Physics – Chemistry – Technology.

Head of the Departement of Physics – Chemistry – Technology.

LANGUAGES

French : very good writing and reading, very good understanding

English : fairly good writing and reading, fairly good understanding

OTHER KNOWLEDGE AND ACTIVITIES

- Practice of Microsoft Word and other Microsoft office applications
- Knowledge on computation of numerical calculations in Turbo Pascal and Fortran 90 languages (computer sciences for Mechanics)
- Amateur of drawing art
- Sport activity : football.