

CURRICULUM VITAE

Rodrigue TCHAPNGA TAKOUDJOU
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Education

- M.S.: 2008-2009 Optimization in Operations Research, Univesity of Nantes France. Supervisor: Jean-Jacques Loiseau.
Thesis: “Stabilizing the Delay-Induced Oscillations of Inventory Levels via Collaborations among Supply Chains.”
- B.S.: 2006-2007 Computer sciences, University of Nantes France.
- B.S.: 2005-2006 Mathematic and computer sciences, university of Dschang Cameroon.

Experience

- Working as research engineer at LAMIH, university of valenciennes since jun up to now.
- 2009 J-1 Scholar Northeastern university Boston U.S.A.: Mechanical and Industrial Engineering. Advisor: professor Rifat Sipahi.
Research Topic: “Stabilizing the Delay-Induced Oscillations of Inventory Levels via Collaborations among Supply Chains.”
- 2009 Biobjective traveling salesman University of Nantes France. Advisor: professor Xavier Gandibleux.
- 2009 Modeling and analysis of robot with constraints programming. Adivisor: Dr. Christophe Jermann
- 2008 multi-format translation MathML. Advisor: Dr. Frederic Goualard.
- 2007 Monitor at university of Nantes France, Computer desk-top tools, C language.

Skills

Analytical	Multi-objective optimization, constraint programming, mathematical programming, control of discrete event systems, transportation and logistics management, heuristic and metaheuristic.
Languages	Java/J2Ee, C/C++, Eiffel, Caml, Pascal, Python, Prolog, L ^A T _E X, .Net.
Web	PHP, HTML/XHTML/CSS, JavaScript, Pearl.
DataBase	SQL/PLSQL, Oracle, MySQL.
Software Packages	Eclipse, IBM Rationnal, Photoshop.
Operation Research packages	OPL, Ilog Cplex, AMPL, GAMS, CHOCO, Realpaver.
OS	Mac OS, Linux, Windows, Multiple OS network.
Graphics	Photoshop, POVRay.

Graduate Course

Artificial intelligence, cryptologic, probability and statistic, Combinatorial optimization, Control and Optimization in Production Systems and Supply Chain, heuristic and metaheuristic, Multiple Criteria Decision Making, Declarative approaches for optimization, Bioinformatic

Honors and Awards

2005	Ranked 1st in Mathematics and Computer science University of Dschang, Cameroon, in BS. Received the Academic excellence award of the univesity of Dschang, Cameroon.
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Poster

2009	Rodrigue Tchpnga Takoudjou, Rifat Sipahi. Jean-jacques Loiseau, "Stabilizing the Delay-Induced Oscillations of Inventory Levels via Collaborations among Supply Chain" Research and Scholarship Expo 2009, Northeastern University Boston U.S.A. www.coe.neu.edu/Depts/MIE/docs/Rodrigue.pdf
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References

- Jean-Jacques Loiseau Directeur de recherche CNRS, École centrale of university of Nantes France. Jean-Jacques.Loiseau@ircyn.ec-nantes.fr
- Rifat Sipahi Professor, Department of Mechanical and Industrial Engineering, Northeastern University Boston USA., MA 02115. Web: www.coe.neu.edu/~rifat.

Languages

- English** Fluent.
- French** Native Language.