

CURRICULUM VITAE

Quang Van Nguyen

Born on 27th Sept. 1986 in Vietnam

Email : quang.nguyen@epfl.ch

Nationality : Vietnamese

École Polytechnique Fédérale de Lausanne

Laboratory for Information and Inference Systems (LIONS)

STI-IEL, ELD243, Bâtiment ELD

Station 11, CH-1015 Lausanne, Switzerland

PROFESSIONAL EXPERIENCES

2014-2015 Teaching Assistance and Researcher at Université Pierre et Marie Curie - Paris VI, France.

2015-Present Postdoc at Laboratory for Information and Inference Systems (LIONS), École Polytechnique Fédérale de Lausanne, Switzerland.
Supervisor : Prof. Volkan Cevher.

EDUCATION

2014 Graduate mini-course in Polynomial Optimization at INSA Rennes, France.

2012 Graduate courses in Optimization at Université Pierre et Marie Curie, France.

2012-2015 Ph.D. Student at Laboratoire Jacques-Louis Lions, Université Pierre et Marie Curie, France.

Subject : *Splitting Methods Based on Bregman Distances for Composite Monotone Inclusions and Optimization.*

Advisor : Prof. Patrick Louis Combettes.

2010-2011 Master's thesis at Hanoi National University of Education, Vietnam

Subject : *The initial boundary value problems for parabolic equations in L_p -Sobolev spaces in non-smooth domains.*

Advisor : Dr. Nguyen Thanh Anh.

2008-2010 Master in Partial Differential Equations at Hanoi National University of Education, Vietnam.

2004-2008 Bachelor in Mathematics at Hanoi National University of Education, Vietnam.

RESEARCH INTERESTS

Convex analysis, nonlinear functional analysis, optimization and variational calculus, applications of mathematics in signal and image processing, partial differential equations.

RESEARCH ARTICLES

1. C. T. Anh and N. V. Quang, *Uniform attractors for non-autonomous parabolic equations involving weighted p -Laplacian operators*, Ann. Polon. Math., 98 (2010), 251-271.
2. C. T. Anh and N. V. Quang, *Uniform attractors for a non-autonomous parabolic equation involving Grushin operator*, Acta. Math. Vietnam, 36 (2011), 19-35.
3. P. L. Combettes and V. Q. Nguyen, *Solving composite monotone inclusions in reflexive Banach spaces by constructing best Bregman approximations from their Kuhn-Tucker set*, accepted in Journal of Convex Analysis.
4. V. Q. Nguyen, *Variable quasi-Bregman monotone sequences*, submitted.
5. V. Q. Nguyen, *Forward-Backward Splitting with Bregman Distances*, submitted.

REVIEWER FOR INTERNATIONAL JOURNALS

Journal of Optimization Theory and Applications, Numerical Algorithms, Optimization.

TALKS

- Jun 2015 Journée du Groupe de Travail en Programmation Mathématique du GdR RO, Institut Mathématique de Bourgogne, Dijon, France.
- Dec. 2014 Journées annuelles du GdR Mathématiques de l'Optimisation et Applications, Limoges, France.
- Sep. 2014 Workshop on Optimization and Dynamical Processes in Learning and Inverse Problems, Sestri-Levante, Italy.
-

TEACHING

- 2014-2015 Teaching Assistant at Université Pierre et Marie Curie : Calculus ; Analysis and Linear Algebra.
- 2009-2010 Teaching Assistant at Hanoi National University of Education : Analysis and Partial Differential Equations.
- 2008-2009 Teaching Assistant at Hanoi National University of Education : Topology.
-

LANGUAGES

Vietnamien (mother tongue), English (fluent), French (fluent).

COMPUTER SKILLS

Linux, LaTeX, Matlab, Octave.