

CURRICULUM VITAE



Personal Information

Full Name **THUY TRAN THI**
Date of Birth June 03rd, 1979.
Sex Female
Place of Birth Thai Binh, Vietnam.
Home Address 2912G5, Five Star Garden, N0 2 Kim Giang, Ha Noi
Marital Status Married
Mobile (084) 0987775346
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Education

August 2001:

Bachelor of Science, Hanoi University of Education (HNUE).

Major: Mathematics

December 2003:

Master of Science, Ha Noi University of Education (HNUE)

Major: Mathematics

April 2017:

Doctor of University of Lorraine

Doctoral Thesis

Topic: DC programming and DCA for some classes of problems in wireless communication systems

Major: Computer science

Employment

. 11/ 2001-2009: Mathematics Lecturer at Ha Noi Water Resources University.

. 2009- now: Mathematics Lecturer at FPT University.

Foreign Languages

International English Language Testing System (IELTS): 6.0 overall bandscore

Basic French

Computer Skills

- . Office Automation: Microsoft Office; LaTeX
- . Computer Algebra Systems: Matlab; Maxima
- . Programming language: C++
- . Operating systems: Microsoft operating system

Academic Activities

Teaching: Calculus, Linear Algebra, Probability and Statistics, Discrete Mathematics, Combinatorial Optimization

Research Direction: Optimization; DC programming and DCA, Physical layer security

Publications

1. Journal

	Title	Journal	Author	Year	Note
1	DC programming and DCA for enhancing Physical Layer Security via Cooperative Jamming	Computers & Operations Research	Thi Thuy Tran, Hoai An Le Thi, Tao Pham Dinh.	2016	ISI https://www.scimagojr.com
2	DC programming and DCA for secrecy rate maximization in a wireless network with multiple eavesdroppers	WSEAS Transactions on Communications	Hoai An Le Thi, Thi Thuy Tran, Tao Pham Dinh	2017	

2. Conference papers

	Title	Proceedings	Author	Year	Note
1	DC Programming and DCA for Transmit Beamforming and Power Allocation in Multicasting Relay Network	Proceedings of the 4th International Conference on Computer Science, Applied Mathematics and Applications, ICCSAMA 2016, AISC 453, pp 29-41, Springer 2016.	Hoai An Le Thi, Thi Thuy Tran, Tao Pham Dinh, Alain Gély.	2016	Scopus https://www.scopus.com/sources
2	DC programming and DCA for Enhancing Physical Layer Security via Relay Beamforming Strategies	Proceedings of the 8th Asian Conference on Intelligent Information and Database Systems, LNCS	Tran Thi Thuy, Nguyen Nhu Tuan, Le Thi Hoai An and Alain Gély.	2016	Scopus (Q2) https://www.scimagojr.com

		9622, pp 640-650, Springer 2016			
3	DC Programming and DCA for a Novel Resource Allocation Problem in Emerging Area of Cooperative Physical Layer Security	Proceedings of 3rd International Conference on Computer Science, Applied Mathematics and Applications, AISC 358, pp. 57-68, Springer 2015.	Thi Thuy Tran, Hoai An Le Thi, Tao Pham Dinh	2015	Scopus https://www.scopus.com/sources
4	Physical Layer Security Cognitive Decode-and- Forward Relay Beamforming Network With Multiple Eavesdroppers	Accepted by ACIIDS2019	Nguyen Nhu Tuan, Tran Thi Thuy	2019	Scopus, Q2
5	DC programming and DCA for power minimization problem in multi-user beamforming networks	Accepted by ICSCA2019	Thi Thuy Tran, Van Nam Nguyen, Tung Son Ngo and Van Dinh Tran	2019	Scopus