

Duc A. Hoang

Curriculum Vitae



The current CV was updated on November 6, 2017.

Personal Information

Full name (Vietnamese) Hoàng Anh Đức.
Name (in publications) Duc A. Hoang.
Nationality Vietnamese.
Date of birth November 19, 1990.
Gender Male.

Current Position

Currently, I am a Ph.D student at School of Information Science, Japan Advanced Institute of Science and Technology, under the supervision of Professor [Ryuhei UEHARA](#).

Contact Information

Address Japan Advanced Institute of Science and Technology,
1-1 Asahidai, Nomi, Ishikawa 923-1292 Japan.
Email hoanganhduc@jaist.ac.jp or anhduc.hoang1990@gmail.com
Personal Webpage <http://hoanganhduc.github.io/>

Education

- Apr. 2013 – Mar. 2015 **Master Degree in Information Science**
- Japan Advanced Institute of Science and Technology (Ishikawa, Japan).
 - Supervisor: [Ryuhei UEHARA](#).
 - Thesis Title: The Independent Set Reconfiguration Problem on Some Restricted Graphs.
- Sep. 2008 – Mar. 2013 **Bachelor Degree in Mathematics**
- VNU University of Science (Hanoi, Vietnam).
 - Thesis Advisor: [Thi Ha Duong PHAN](#).
 - Thesis Title: The Matrix-Tree Theorem and Some Related Problems.

Languages

Vietnamese Native
English Professional working proficiency

Research Interests

- Graph Algorithms.
- Combinatorial Reconfiguration.

Positions Held

Apr. 01 – Jul. 08, 2016 **Visiting Student** at Algorithm Theory Lab, Graduate School of Information Sciences, Tohoku University, Japan. Host: Xiao ZHOU, and Takehiro ITO.

Professional Services

2017

(Sub-)Reviewer IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences.

Teaching Experiences

Oct. 11 – Nov. 30, 2017 **Teaching Assistant** – JAIST I216: Computational Complexity and Discrete Mathematics.

Apr. 12 – Jun. 02, 2017 **Teaching Assistant** – JAIST I216: Computational Complexity and Discrete Mathematics.

Oct. 12 – Dec. 01, 2016 **Teaching Assistant** – JAIST I216: Computational Complexity and Discrete Mathematics.

Apr. 08 – Jun. 05, 2015 **Teaching Assistant** – JAIST I216: Computational Complexity and Discrete Mathematics.

Awards

Mar. 20, 2015 JAIST Outstanding Performance Award for master's students.

Publications

Journal

2015 Erik D. Demaine, Martin L. Demaine, Eli Fox-Epstein, Duc A. Hoang, Takehiro Ito, Hirotaka Ono, Yota Otachi, Ryuhei Uehara, and Takeshi Yamada. [Linear-time algorithm for sliding tokens on trees](#). *Theoretical Computer Science*, 600:132–142, 2015.

International Conference

2017 Duc A. Hoang, Eli Fox-Epstein, and Ryuhei Uehara. [Sliding tokens on block graphs](#). In Sheung-Hung Poon, Md. Saidur Rahman, and Hsu-Chun Yen, editors, *Proceedings of WALCOM 2017*, volume 10167 of *LNCS*, pages 460–471. Springer, 2017.

2016 Duc A. Hoang and Ryuhei Uehara. [Sliding tokens on a cactus](#). In Seok-Hee Hong, editor, *Proceedings of ISAAC 2016*, volume 64 of *LIPICs*, pages 37:1–37:26. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2016.

2015 Eli Fox-Epstein, Duc A. Hoang, Yota Otachi, and Ryuhei Uehara. [Sliding token on bipartite permutation graphs](#). In Khaled Elbassioni and Kazuhisa Makino, editors, *Proceedings of ISAAC 2015*, volume 9472 of *LNCS*, pages 237–247. Springer, 2015.

2014 Erik D. Demaine, Martin L. Demaine, Eli Fox-Epstein, Duc A. Hoang, Takehiro Ito, Hirotaka Ono, Yota Otachi, Ryuhei Uehara, and Takeshi Yamada. [Polynomial-time algorithm for sliding tokens on trees](#). In Hee-Kap Ahn and Chan-Su Shin, editors, *Proceedings of ISAAC 2014*, volume 8889 of *LNCS*, pages 389–400. Springer, 2014.

Thesis/Dissertation

2015 Duc A. Hoang. [The independent set reconfiguration problem on some restricted graphs](#). Master's thesis, Japan Advanced Institute of Science and Technology, March 2015.

Co-authors (in alphabetical order)

Erik D. Demaine, Martin L. Demaine, Eli Fox-Epstein, Takehiro Ito, Hirotaka Ono, Yota Otachi, Ryuhei Uehara, Takeshi Yamada.