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EDUCATION

***The Institute of Vietnam Academy of Science and Technology*, Vietnam**

Ph.D in Computational Mathematics, 2002-2006

***Dalat University*, Vietnam**

Master in Computer algebra, 1996-1999

Bachelor in Application Mathematics, 1980-1984

RESEARCH INTERESTS

- Computer Science and Graph theory

RESEARCH EXPERIENCE

- A sufficient condition for non-Hamiltonian graph,
  Nha Trang University, TR2010-13-08, 2010-2011.
- Construction algorithm decay algebra function,
  Nha Trang University, TR2000-33-11, 2000-2001.

TEACHING RESPONSIBILITY

Undergraduate

- Discrete Mathematics
- Computational methods
- Combinatorial Optimization

Graduate

- Computational Mathematics

PUBLICATIONS and PRESENTATIONS
Journals

1. **An D. Nhu,** Ai N. Dinh, "4-Regular graph of diameter 2", Journal of Science - University of Dalat – N. 06 (10/2013), 5-11.

2. **An D. Nhu**, Hoa V. Dinh, "Necessary and sufficient condition for Maximal uniquely Hamiltonian graph", International Journal of Advanced Research In Computer Science, ISSN 0976-5697. Vol. 3, No. 5, Sept-Oct 2012, 114-117.

3. **An D. Nhu**, Duong B. Duc, "Some problems about Hamiltonian Cycle in special graphs", The 2nd International Conference on Theories and Applications of Computer Science (ICTACS'09), Journal of Sciencce and Technology, Vietnam Academy of Science and Technology, Vol. 46, No 5A (2008), 57-66.

4. Hoa V. Dinh, **An D. Nhu**, "The number of maximal Hamiltonian graphs", Journal of Computer Science and Cybernetics, Vietnam Academy of Science and Technology, Vol.23, No 3 (2006).

5. Hoa V. Dinh**, An D. Nhu**, "New result of maximal Hamiltonian graph", Journal of Computer Science and Cybernetics, Vietnam Academy of Science and Technology, Vol. 22, No.2 (2006), 118-122.

6. Hoa V. Dinh, **An D. Nhu**, "Polynomial algorithm on determining Hamiltonian cycle from graph closure", Journal of Development Scientific and Technological, HCM National University, Vol.8, No 4 (2005), 5-10.

7. **An D. Nhu**, "Approach the Hamiltonian cycle of graph from it's closure graph", Journal of Scientific and Technological, Nha Trang Fisheries University. No 4 (2004), 34-37.

8. **An D. Nhu,** "Polynomial reduction in NP-completeness", Journal of Scientific and Technological, Nha Trang Fisheries University. No 2 (2004), 24-28.

9. **An D. Nhu**, "Introduction to examination scheduling method",Journal of Scientific and Technological, Nha Trang Fisheries University. No 3 (2002), 64-65.

10. Hoa V. Dinh, **An D. Nhu,** "Recognizing dominating cycles is NP-Hard", Informatics and Cybernetics Magazine, Vietnam Academy of Science and Technology No 3 (2002), 226-230.

11. **An D. Nhu**, *Problem on Rational Function Integral*, Journal of Scientific and Technological, Nha Trang University. No.2, 1999.

Presentations
1. **An D. Nhu**, Hoa V. Dinh, Tuan D. Minh, Nga H. T. Thanh, "Maximum independent set in special graphs", Summary record of National Conference on Selected issues on Information Technology, Can Tho, Scientific and Technical Publisher 2012, 555.

2. **An D. Nhu**, Duong B. Duc, "A sufficient condition for non-Hamiltonian graph", Summary record of National Conference on Selected issues on Information Technology, Hue August, 2008, 39-46.

3. Hoa V. Dinh, **An D. Nhu,** "Maximal Hamiltonian graph", Summary record of National Conference on Selected issues on Information Technology, Hai Phong August, 2005, Hanoi Scientific Technical Publisher 2006, 310-313.

4. Hoa V. Dinh, **An D. Nhu**, "The unique of graph closure", Summary record of National Conference on Selected issues on Information Technology, Da Nang, August, 2004, Hanoi Scientific Technical Publisher 2005, 129-142.

5. Hoa V. Dinh, **An D. Nhu**, "Apply Hamiltonian cycle problem to solve some optimal problems on graph", Summary record of National Conference on Selected issues on Information Technology, Dalat University, June 2006.