

# Curriculum Vitae

Min Wu

## Personal information:

Gender: Female

Date of birth: December 11, 1976

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## Education:

09/2001 — 07/2005, Doctor of Chinese Academy of Sciences, and, Docteur de l'Université de Nice-Sophia Antipolis, Computer Algebra, co-supervised by Prof. Manuel Bronstein (Inria Sophia Antipolis, France) and Prof. Ziming Li (Chinese Academy of Sciences, China)

09/1998 — 07/2001, M. Sc., Mathematics, supervised by Prof. Guangxing Zeng, Nanchang University, Nanchang 330047, China

09/1994 — 07/1998, B. Sc., Mathematics, Nanchang University, Nanchang 330047, China

## Publications:

M. Bronstein, Z. Li and M. Wu. Picard-Vessiot extensions for linear functional systems. In *Proceedings of the 2005 International Symposium on Symbolic and Algebraic Computation*, pages 68-75. ACM Press, 2005.

M. Wu. On the factorization of differential modules. *Differential Equations with Symbolic Computation*, D. Wang (ed.), pp. 239-254. Birkhauser, Basel Boston, 2005.

M. Wu and G. Zeng. Higher level orderings on modules. *Acta Mathematica Sinica*, English Series, Vol. 21, No. 2, pp. 279-288. Springer-Verlag, 2005.

**Posters:**

M. Wu. Factoring finite-rank linear functional systems. A poster of the 2004 International Symposium on Symbolic and Algebraic Computation, Santander Spain, 2004.

**Talks and Presentations:**

M. Wu. Interpreting systems of linear PDE's with finite-dimensional solution spaces in terms of partial differential modules. INRIA, September 2003.

M. Wu. Factoring systems of linear differential and difference equations with finite-dimensional solution spaces. Seminar on *Differential equations with symbolic computation*, Beijing, April 2004.

M. Wu. Picard-Vessiot extensions for linear functional systems. Limoges, France, January 2005.

M. Wu. Picard-Vessiot extensions for linear functional systems. Linz, Austria, February 2005.

**Dissertation:**

**Title:** On Solutions of Linear Functional Systems and Factorization of Modules over Laurent-Ore Algebras

**Referees:**

Details of referees will be provided upon request.