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| WORK EXPERIENCE | University of Groningen , Groningen, The Netherlands | | |
| | Teacher , Mathematics | | Sept. 2009 - April 2010 |
| | <i>Work features:</i> Giving lectures | | |
| | University of Groningen , Groningen, The Netherlands | | |
| | Student-assistent , Mathematics | | Sept. 2003 - Sept. 2005 |
| | <i>Work features:</i> Teaching tutorials | | |
| COMMITTEES | <ul style="list-style-type: none"> - Member of committee organizing national mathematics Ph.D. day 2006 - Member of computer policy committee - Member of committee organizing open days for high school students - Coordinator PhD colloquia | | |
| VISITS, PRE- SENTATIONS, CONFERENCES AND WORKSHOPS | U. of Groningen | Workshop Mathematics and life sciences | Oct. 2005 |
| | U. of Groningen | Workshop Dynamics on non-linear waves | Apr. 2006 |
| | U. of Groningen | Presentation in dynamical systems seminar | Sept. 2006 |
| | U. of Groningen | Workshop Dynamics on non-linear waves | Apr. 2006 |
| | U. of Barcelona | Visiting prof. dr. C.Simó | Nov. 2006 |
| | U. of Barcelona | Presentation in dynamical systems seminar | Nov. 2006 |
| | U. of Groningen | Presentation in workshop Mathematics of earth sciences | Nov. 2006 |
| | U. of Groningen | Presentation in NMC (Dutch Mathematical Congress) 2009 | Apr. 2009 |
| | U. of Utrecht | Presentation in dynamical systems seminar | May 2009 |
| | U. of Bristol | Presentation in BCANM seminar | Oct. 2009 |
| | U. of Exeter | Presentation in MRI seminar | Oct. 2009 |
| | Lorentzcenter | Presentation in workshop New directions in dynamical systems | Dec. 2009 |
| PH.D. COURSES AND TRAINING | U. of Groningen | Course presentations in English | Spring 2007 |
| | U. of Barcelona | Advanced course ‘specific algebraic manipulators’ | Sept. 2007 |
| | U. of Barcelona | Advanced course ‘long time integrations’ | Sept. 2007 |
| | U. of Twente | Ph.D. course ‘multiscale modeling and singular perturbations’ | Jan. 2008 |
| | U. of Groningen | Course publishing in English | Spring 2008 |

PUBLICATIONS AND PREPRINTS H.W. Broer, S.J. Holtman and G. Vegter.
Recognition of the bifurcation type of resonance in mildly degenerate Hopf-Neimark-Sacker families.
 Nonlinearity 21 2463-2482 . **2008**

H.W. Broer, S.J. Holtman, G. Vegter and R. Vitolo.
Geometry and dynamics of mildly degenerate Hopf-Neimark-Sacker families near resonance.
 Nonlinearity 22 2161-2200. **2009**

H.W. Broer, S.J. Holtman and G. Vegter.
Recognition of resonance type in periodically forced oscillators.
 (Preprint) **2009**

A. Chattopadhyay, S.J. Holtman and G. Vegter.
Certified computation of planar Morse-Smale complexes.
 Abstracts of the 26th European Workshop on Computational Geometry, Dortmund, Germany, 105-108, March 22-24. **2010**

TECHNICAL SKILLS *Programming:* C++, C, Pascal
Applications: Mathematica, Matlab, Maple L^AT_EX, Microsoft Office, Emacs, gnuplot, geomview and other common productivity packages for Windows, OS X, and Linux platforms
Operating Systems: Microsoft Windows XP/Vista, Mac OS X, Linux

LANGUAGES Dutch (native), English (fluent), German (reading)