Research-Group Linkage 2009-2012: University of Yaounde I & University of Kassel
Training Workshop on Computer Algebra

Computer Algebra Algorithms for Orthogonal Polynomials and Special Functions
By
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and
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University of Yaounde I

When: Tuesday and Wednesday March 23-24, 2010
Venue: ICT Center, University of Yaounde I

This training is aimed at giving an introduction to the use of Maple for teaching and research purposes. It is a combination of lectures and practical sessions.

Programme : Day 1: 23/03/2010
- 08-10h: Introduction and Online Demonstrations with Computer Algebra
- 10h-10h15: Coffee break at the ICT Center
- 10h15-12h30: Computation of Power Series
- 12h30-13h30: Lunch break at the ICT Center
- 13h30-15h: Hypergeometric Functions
- 15h-15h15: Coffee break at the ICT Center
- 15h15-17h: Summation Algorithms I

Programme : Day 2: 24/03/2010
- 08-10h: Summation Algorithms II
- 10h-10h15: Coffee break at the ICT Center
- 10h15-12h30: Hypergeometric Solutions of Recurrence Equations
- 12h30-13h30: Lunch break at the ICT Center
- 13h30-15h: Integration Algorithms
- 15h-15h15: Coffee break at the ICT Center
- 15h15-17h: Orthogonal Polynomials
- 17h-17h30: Evaluation and closing of the workshop

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