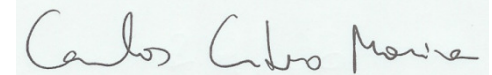


Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Carlos Alberto Siqueira Lima**, Inst. Ciên. Matemática e Comp. de **São Carlos**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**Hausdorff Dimension Of Quasi-Arcs**”

Rio de Janeiro, August 23, 2013.



Carlos Gustavo T. de A. Moreira
Organizing Committee

CERTIFICATE



Support



An Activity of



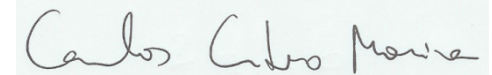
IMPA, Rio de Janeiro, Brazil
August 19-23, 2013

Semester on Dynamics Beyond Uniform Hyperbolicity

Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Danilo Antonio Caprio**, **Universidade Estadual Paulista - São José do Rio Preto**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**Fibonacci Adding Machine**”

Rio de Janeiro, August 23, 2013.



Carlos Gustavo T. de A. Moreira
Organizing Committee

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Support



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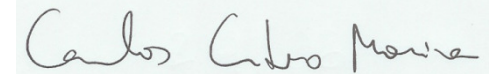
IMPA, Rio de Janeiro, Brazil
August 19-23, 2013

Semester on Dynamics Beyond Uniform Hyperbolicity

Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Manuel Stadlbauer**, **Universidade Federal da Bahia**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**A Ruelle theorem for transient random walks**”

Rio de Janeiro, August 23, 2013.



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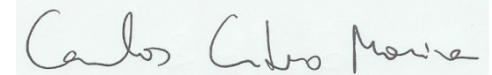
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Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Maurizio Monge**, Dipartimento di Matematica "I. Tonelli" Pisa, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: **“On the failure of Kronecker's density theorem for powers of an algebraic number”**

Rio de Janeiro, August 23, 2013.



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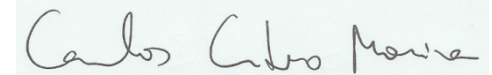
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Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Patricia Romano Cirilo**, **Universidade Estadual Paulista**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**Law of large numbers for certain cylinder flows**”

Rio de Janeiro, August 23, 2013.



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Support



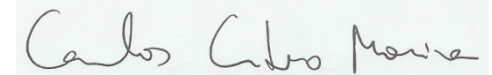
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Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, **Pierre-Antoine Guihéneuf, Paris XI - Orsay**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**What is the effect of spatial discretizations on dynamical systems?**”

Rio de Janeiro, August 23, 2013.



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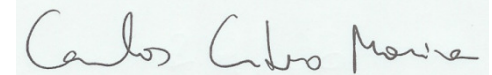
IMPA, Rio de Janeiro, Brazil
August 19-23, 2013

Semester on Dynamics Beyond Uniform Hyperbolicity

Workshop on
**Combinatorics,
Number Theory
& Dynamical Systems**

We hereby certify that, ***Tatiana Miguel Rodrigues***, **Universidade Estadual Paulista - Bauru**, participated in the Workshop on Combinatorics, Number Theory and Dynamical Systems, held at Instituto Nacional de Matemática Pura e Aplicada - IMPA – Rio de Janeiro, from August 19 to 23, 2013 and presented the following work: “**A class of cubic Rauzy Fractal**”

Rio de Janeiro, August 23, 2013.



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