



MAT80

XIII Workshop on Dynamical Systems Celebrating the 80th birthday of Marco Antonio Teixeira

IMECC/Unicamp – November 25-29, 2024

Campinas/SP – Brazil

<http://www.ime.unicamp.br/~mat80/>

Certificate

We hereby certify that **Douglas Coates** presented the talk entitled *Natural measures and statistical properties for non-statistical dynamical systems* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

Campinas, November 29th, 2024.



Ricardo Miranda Martins
On behalf of the Organizing Committee



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We hereby certify that **Diego Samuel Rodrigues** presented the talk entitled *Accessing the Pharmacokinetics of Magnetic Nanoparticles in Cirrhosis-Associated Hepatocarcinogenesis by Ordinary Differential Equation Modeling and AC Biosusceptometry* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Otávio Marçal Leandro Gomide** presented the talk entitled *An overview of polycycles in Filippov Systems* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Francisco Braun** presented the talk entitled *Surjectivity of vector fields x injectivity of maps* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Gabriel Alexis Rondón Vielma** presented the talk entitled *Lower Bounds for the Number of Limit Cycles in Piecewise Polynomial Holomorphic Systems* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Kamila da Silva Andrade** presented the talk entitled *Bifurcation of a boundary hyperbolic singularity in \mathbb{R}^3* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Claudio Pessoa** presented the talk entitled *Nilpotent centers on center manifolds like limits of Hopf centers* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Regilene Delazari dos Santos Oliveira** presented the talk entitled *Topological equivalence at infinity of some planar vector fields and its principal part via Newton polytope* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Sônia Pinto de Carvalho** presented the talk entitled *Optical Billiards* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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We hereby certify that **Luis Fernando Mello** presented the talk entitled *Planar current fields* at the XIII Workshop on Dynamical Systems (MAT80) - *Celebrating the 80th birthday of Marco Antonio Teixeira*, held at Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil, from November 25th to November 29th, 2024.

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