



CERTIFICATE

OF PRESENTATION

I hereby certify that

Ana Livia Rodero

has presented the poster “On the existence and nonexistence of isolated invariant cones for some polynomial classes of 3-D PSVF with invariant spheres” at the

Brazil-China Joint Mathematical Meeting

held from 17th to 21st of July 2023 in Foz do Iguaçu – PR – Brazil.

ORGANIZERS



Paolo Piccione
SBM President



CERTIFICATE

OF PRESENTATION

I hereby certify that

Antonio Wilson Rodrigues da Cunha

has presented the poster “Obstructions on the scalar curvature of Einstein solitons via weak maximum principle” at the

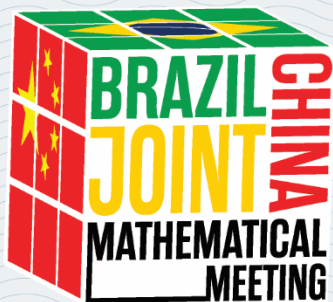
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ORGANIZERS



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SBM President



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I hereby certify that

Beatriz Catarene Rabelo de Carvalho

has presented the poster “Phase portraits of completely symmetric centers” at the

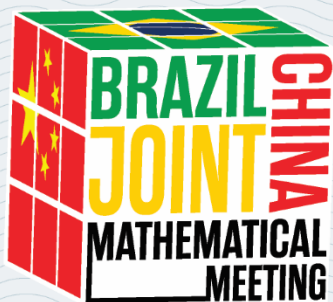
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SBM President



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I hereby certify that

Emanuel Mendonça Viana

has presented the poster “Critical metrics on 4-manifolds with harmonic anti-self dual Weyl tensor” at the

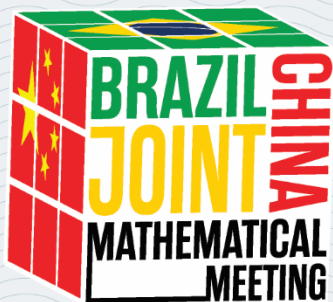
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SBM President



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I hereby certify that

Giovana Melo dos Santos

has presented the poster “The Constrained Knapsack Problem” at the

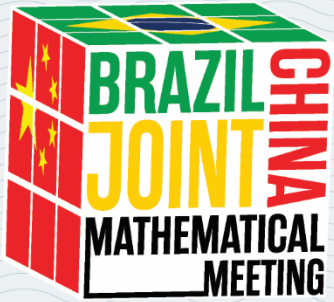
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SBM President



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I hereby certify that

Halyson Irene Baltazar

has presented the poster “Critical metrics of the volume functional with harmonic Weyl tensor” at the

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I hereby certify that

Iullia Gorginian

has presented the poster “Flat hypercomplex nilmanifolds are quaternionic-solvable” at the

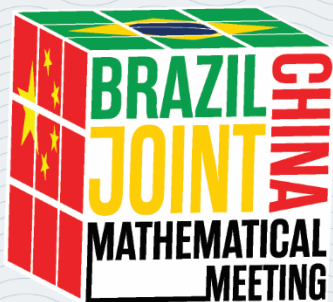
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I hereby certify that

Júlia Demori Guizardi

has presented the poster “Efficient updates to matrix factorization” at
the

Brazil-China Joint Mathematical Meeting

held from 17th to 21st of July 2023 in Foz do Iguaçu – PR – Brazil.

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SBM President



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I hereby certify that

Lucas Roberto de Lima

has presented the poster “Speed of Convergence in First-Passage Percolation on Random Geometric Graphs” at the

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SBM President



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I hereby certify that

Márcio Ricardo Alves Gouveia

has presented the poster “Hiperbolicity of renormalization for dissipative gap mappings” at the

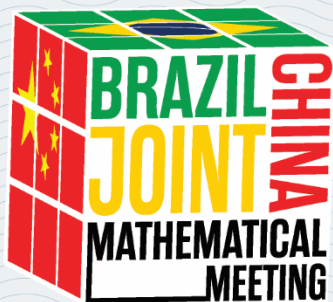
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I hereby certify that

Marta Helena de Oliveira

has presented the poster “A simple mathematical model to predict skin wound retraction time” at the

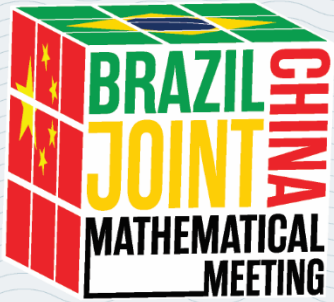
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I hereby certify that

Otavio Henrique Perez

has presented the poster “Some properties of linear and nonlinear regularizations of piecewise smooth vector fields” at the

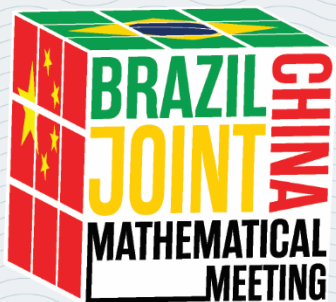
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SBM President



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I hereby certify that

Paulo Henrique Reis Santana

has presented the poster “Polycycles on non-smooth planar vector fields” at the

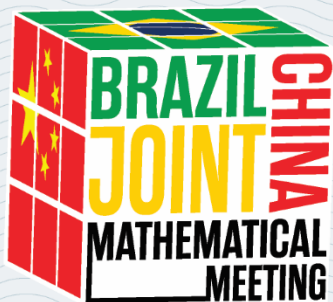
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I hereby certify that

TIAGO RODRIGO PERDIGÃO

has presented the poster “Zero-time discontinuity mapping (ZDM) and Poincaré-section discontinuity mapping (PDM) for regular grazing points of order 4.” at the

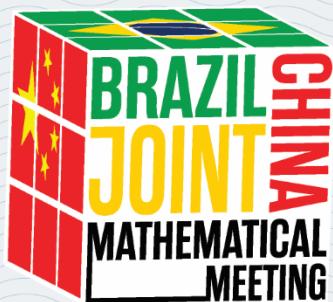
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I hereby certify that

Xue Gao

has presented the poster “A golden ratio Bregman proximal gradient algorithm for nonconvex optimization problems with abstract set” at the

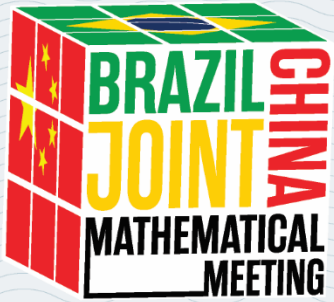
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SBM President



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I hereby certify that

Yingjian Liu

has presented the poster “Log-Holder continuity of Lyapunov exponents of random $GL(2)$ -cocycles” at the

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