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Escola de Álgebra

Brazilian Algebra Meeting



Universidade Estadual de Maringá
July 27th to August 1st, 2014
Maringá, Paraná, Brazil

This is to certify that *Eduardo do Nascimento Marcos* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "*Relations between the cohomology rings and GK-dimensions of a ring and its minimal ideals*" in the session "*Algebras and Representations*".

Maringá, August 1^{ts}. 2014.

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This is to certify that *Henrique Guzzo Junior* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “*The Wedderburn b -Decomposition for a Class of Almost Alternative Baric Algebras*” in the session “*Algebras and Representations*”.

Maringá, August 1st. 2014.

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This is to certify that **Rian Lopes de Lima** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Clifford Algebras $C(V)$ and $C[V]$** " in the session "**Algebras and Representations**".

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This is to certify that **Matheus Batagini Brito** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Tame representations of the quantum affine algebra of type B**” in the session “*Algebras and Representations*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Sônia Maria Fernandes** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**The φ -dimension: A homological measure**” in the session “**Algebras and Representations**”.

Maringá, August 1st. 2014.

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This is to certify that **Ronaldo Thibes** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***On the supersymmetry group and algebra of one dimensional quantum mechanics***" in the session "***Algebras and Representations***".

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This is to certify that **María Alejandra Alvarez** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Formal deformations of free 2-step nilpotent Lie algebras**” in the session “*Algebras and Representations*”.

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This is to certify that **Flavio Ulhoa Coelho** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Graus de morfismos irredutíveis e partições pós-projetivas**” in the session “*Algebras and Representations*”.

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This is to certify that **Alexandr Kornev** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***The imbedding of the alternative and Malcev algebras into associative algebras with involution***" in the session "***Algebras and Representations***".

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This is to certify that **Samuel Gomes da Silva** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Categorical forms of the Axiom of Choice**” in the session “**Algebras and Representations**”.

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This is to certify that **Humberto Luiz Talpo** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**A-Identidade para a álgebra $M_2(K)$** " in the session "**Algebras and Representations**".

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This is to certify that **Thiago Castilho de Mello** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Minimal varieties and identities of relatively free algebras**" in the session "**Algebras and Representations**".

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This is to certify that **Alexey Kuzmin** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Basic superranks for varieties of algebras**" in the session "**Algebras and Representations**".

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This is to certify that **Victor Petrogradsky** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Subgroup, subalgebra and ideal growth**" in the session "**Algebras and Representations**".

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This is to certify that **Luis Enrique Ramirez** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Irreducible components of generic $gl(n)$ -modules**" in the session "**Algebras and Representations**".

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This is to certify that **Arkady Tsurkov** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Automorphic equivalence in the varieties of the representations of the Lie algebras**” in the session “**Algebras and Representations**”.

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This is to certify that **Ma Isabel Hernandez** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Real Lie superalgebras over a simple Lie algebra**” in the session “**Algebras and Representations**”.

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This is to certify that *Irina Sviridova* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "*On Z_2 -graded algebras with an even identity of degree 2*" in the session "*Algebras and Representations*".

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This is to certify that **Ana Cristina Vieira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “***-Varieties with bounded multiplicities of the *-cocharacters**” in the session “**Algebras and Representations**”.

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This is to certify that **Plamen Koshlukov** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Graded and ordinary identities in nonassociative algebras**" in the session "**Algebras and Representations**".

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This is to certify that **Manuela da Silva Souza** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Specht property and minimal varieties of graded Lie algebras**” in the session “**Algebras and Representations**”.

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This is to certify that **Dimas José Gonçalves** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**On ideals that are closed by continuous endomorphisms**” in the session “**Algebras and Representations**”.

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This is to certify that **Severino Collier Coutinho** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Nonholonomic modules over enveloping algebras**" in the session "*Commutative Algebra and Algebraic Geometry*".

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This is to certify that **Robin Guilbot** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Toric Minimal Model Program and application to arithmetics over quasi algebraically closed fields**" in the session "**Commutative Algebra and Algebraic Geometry**".

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This is to certify that **Douglas Monsôres** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Classificando Polítopos com Grau Baixo via Teoria de Mori**" in the session "**Commutative Algebra and Algebraic Geometry**".

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This is to certify that **Renato Vidal Martins** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**O Teorema de Max Noether para Curvas Integrais**” in the session “*Commutative Algebra and Algebraic Geometry*”.

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This is to certify that **Parham Salehyan** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Generic Linear ODE and the Bose-Fermi Correspondence**" in the session "*Commutative Algebra and Algebraic Geometry*".

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This is to certify that **Marco Pacini** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Semistable modifications of families of curves and compactified Jacobians**" in the session "**Commutative Algebra and Algebraic Geometry**".

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This is to certify that **Mauro Fernando Hernández Iglesias** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Polar de uma curva irredutível com semigrupo \mathbb{Z}^2 , $2q$, $2pq + d$** " in the session "Commutative Algebra and Algebraic Geometry".

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This is to certify that **Maurício Corrêa** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Minimal sets of higher dimensional foliations on complex projective spaces**" in the session "**Commutative Algebra and Algebraic Geometry**".

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This is to certify that **Luca Scala** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**How to compute sections of line bundles on moduli spaces of sheaves over P^2 (and rational surfaces)?**” in the session “Commutative Algebra and Algebraic Geometry”.

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This is to certify that **Angel Carocca** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Group Actions on Riemann-Roch Space**" in the session "*Commutative Algebra and Algebraic Geometry*".

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This is to certify that **Rafael Peixoto** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**A characterization of order domains**" in the session "*Commutative Algebra and Algebraic Geometry*".

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This is to certify that **Fábio Xavier Penna** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**A variedade de sistemas canônicos limites para curvas nodais com três componentes irredutíveis**" in the session "*Commutative Algebra and Algebraic Geometry*".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Alex Massarenti** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Mori Dream Spaces obtained by blowing-up points on a smooth quadric hypersurface**" in the session "**Commutative Algebra and Algebraic Geometry**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Edilaine Nobili** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Espaço de Polítopos via Geometria Birracional**" in the session "**Commutative Algebra and Algebraic Geometry**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Yerko Contreras-Rojas** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***On the variety of recurrences associated to a numerical semigroup***" in the session "*Commutative Algebra and Algebraic Geometry*".

Maringá, August 1st. 2014.

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This is to certify that **Behrooz Mirzaii** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Homology of linear groups and its applications**" in the session "Group Theory".

Maringá, August 1st. 2014.

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This is to certify that **Igor Lima** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Pro-p Completions of Poincaré Duality Groups**" in the session "**Group Theory**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Ricardo de Oliveira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**On groups with cubic polynomial conditions**” in the session “**Group Theory**”.

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This is to certify that *John MacQuarrie* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "*Profinite Permutation $Z_p [C_p \times C_p]$ -Modules*" in the session "*Group Theory*".

Maringá, August 1st. 2014.

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This is to certify that **Josimar Rocha** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Solvable groups in $\text{Aut}(T_n)$** " in the session "**Group Theory**".

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This is to certify that **Csaba Schneider** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Grupos de permutações e decomposições cartesianas**” in the session “*Group Theory*”.

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This is to certify that **Sheila C. Chagas** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Conjugacy separability and subgroup separability**" in the session "Group Theory".

Maringá, August 1st. 2014.

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This is to certify that **Theo Zapata** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Profinite completion of limit groups**" in the session "**Group Theory**".

Maringá, August 1st. 2014.

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This is to certify that *Ilir Snopce* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “*Finite p -groups all of whose d -generated subgroups are powerful*” in the session “*Group Theory*”.

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This is to certify that **André Luiz Martins Pereira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**On Class 2 p -Groups G satisfying $G/Z(G) \approx C_p^n \times C_p^n$** " in the session "**Group Theory**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Bruno César Lima** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**The Weak Commutativity Group of Polycyclic Groups**” in the session “**Group Theory**”.

Maringá, August 1st. 2014.

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This is to certify that **Claude Marion** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Deformation theory and finite simple quotients of triangle groups**" in the session "Group Theory".

Maringá, August 1st. 2014.

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This is to certify that *Kisnney Emiliano de Almeida* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “ Σ^1 -invariant for Artin groups of circuit rank 1 and 2” in the session "Group Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Fatemeh Y. Mokari** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Virtual Betti number of abelian-by-polycyclic groups of type FP_{2m}** ” in the session “*Group Theory*”.

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This is to certify that **Noraí Romeu Rocco** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Commutators, Semifields and certain p -Groups of class 2**” in the session “**Group Theory**”.

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This is to certify that **Emerson de Melo** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Fitting height of a finite group with a metacyclic group of automorphisms**" in the session "Group Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Marina Rasskazova** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Group of automorphisms of diagonal Z_p -form of the Lie algebra $sl_2(Q_p)$, $p > 2$** ” in the session “Group Theory”.

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This is to certify that *Rosemary Miguel Pires* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "*Automorphisms and Representations of Code Loops*" in the session "*Group Theory*".

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This is to certify that *Raimundo de Araújo Bastos Junior* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “*Verbal subgroups of residually finite groups*” in the session “*Group Theory*”.

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This is to certify that **Hemar Godinho** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Pairs of p -adic forms and zero-sum sequences modulo p^m** " in the session "**Number Theory**".

Maringá, August 1st. 2014.

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This is to certify that *Michael Knapp* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “*2-Adic zeros of additive forms*” in the session “*Number Theory*”.

Maringá, August 1st. 2014.

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This is to certify that **Anderson Novaes Martinhão** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Coberturas curtas via ω -partições**” in the session “**Number Theory**”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Fabien Pazuki** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Bounds for the number of rational points on curves over global fields**" in the session "Number Theory".

Maringá, August 1st. 2014.

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This is to certify that **Herivelto Borges** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Weierstrass points on Kummer extensions**" in the session "**Number Theory**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Marc Hindry** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “***On the regulator and Shafarevich-Tate group of an abelian variety***” in the session “*Number Theory*”.

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This is to certify that **Douglas Ulmer** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Explicit points on Jacobians over function fields**” in the session “**Number Theory**”.

Maringá, August 1st. 2014.

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This is to certify that **Luis R. A. Finotti** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Funções Coordenadas do Levantamento Canônico**" in the session "*Number Theory*".

Maringá, August 1^{ts}. 2014.

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This is to certify that ***Tovondrainy Christalin Razafindramahatsioro*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “***On the reduction of valued function fields in one variable and the automorphism group***” in the session “*Number Theory*”.

Maringá, August 1st. 2014.

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This is to certify that **Amilcar Pacheco** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Rational points of abelian varieties in pro- l towers of function fields**" in the session "**Number Theory**".

Maringá, August 1st. 2014.

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This is to certify that ***Eduardo Tengan*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***Division algebras over p -adic curves***" in the session "***Number Theory***".

Maringá, August 1^{ts}. 2014.

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This is to certify that ***Cristian D. González-Avilés*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***On the cohomology of tori over local fields with perfect residue field***" in the session "***Number Theory***".

Maringá, August 1st. 2014.

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This is to certify that **Marcelo Muniz Silva Alves** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Partial H-module categories**" in the session "**Ring Theory**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Ana Cristina Munaretto** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Crossed products to algebras with local units**” in the session “**Ring Theory**”.

Maringá, August 1st. 2014.

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This is to certify that **Raul Antonio Ferraz** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Essential Idempotents**" in the session "**Ring Theory**".

Maringá, August 1st. 2014.

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This is to certify that **Alexander Holguín Villa** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “***-Group identities in group algebras and oriented group involutions**” in the session “*Ring Theory*”.

Maringá, August 1st. 2014.

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This is to certify that **Wagner Cortes** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Prime Goldie Ideals in Partial Skew Polynomial Rings**" in the session "Ring Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Eliezer Batista** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Partial coactions of commutative Hopf algebras**" in the session "**Ring Theory**".

Maringá, August 1st. 2014.

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This is to certify that **Glauber Quadros** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Weak Partial Actions: Globalization, Smash Product and a Morita Context**" in the session "Ring Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Felipe Castro** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Partial (Co)Module Coalgebra: Correspondences and Globalizations**" in the session "Ring Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Javier Sánchez Serdà** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Free algebras generated by symmetric elements inside division rings with involution**” in the session “**Ring Theory**”.

Maringá, August 1st. 2014.

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This is to certify that **Maurício A. Ferreira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Valuations on Simple Algebras**” in the session “**Ring Theory**”.

Maringá, August 1st. 2014.

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This is to certify that **Rodrigo Lucas Rodrigues** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***The additivity of multiplicative derivations in alternative rings***" in the session "*Ring Theory*".

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This is to certify that **Alveri Sant'Ana** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Weak Hopf algebras, inner actions and smash products**" in the session "Ring Theory".

Maringá, August 1st. 2014.

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This is to certify that **Hector Edonis Pinedo Tapia** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**On an extension of the Picard group**" in the session "Ring Theory".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Alexander S. Sivatiski** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Isomorphic Pairs of Quadratic Forms**” in the session “**Ring Theory**”.

Maringá, August 1st. 2014.

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This is to certify that ***Marinês Guerreiro*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***Group Algebras and Coding Theory***" in the session "***Finite Fields and Applications***".

Maringá, August 1st. 2014.

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This is to certify that **Agnaldo José Ferrari** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**A note on ideal lattices in quotient rings**" in the session "*Finite Fields and Applications*".

Maringá, August 1st. 2014.

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This is to certify that **Carina Alves** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**A new number field construction of the E_8 -lattice and Leech lattice**" in the session "**Finite Fields and Applications**".

Maringá, August 1st. 2014.

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This is to certify that **Eduardo R. Fávaro** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**A note over number fields of odd prime power conductor**” in the session “*Finite Fields and Applications*”.

Maringá, August 1st. 2014.

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This is to certify that **Grasiele C. Jorge** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Algebraic lattices over subfields of cyclotomic fields**” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that *Tatiana Miguel Rodrigues* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “*Quadratic Forms in Cyclotomic Fields*” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Daniel Panario** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Redei actions on Finite Fields**" in the session "**Finite Fields and Applications**".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Lucia Moura** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Constructing covering arrays using linear feedback shift register sequences**” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Nazar Arakelian** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Upper bounds for the number of rational points on algebraic curves over finite fields**" in the session "*Finite Fields and Applications*".

Maringá, August 1st. 2014.

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This is to certify that **Alexandre Grishkov** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Finite geometries and corresponding loops**" in the session "*Finite Fields and Applications*".

Maringá, August 1st. 2014.

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This is to certify that **Victor Gonzalo Lopez Neumann** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Códigos de avaliação definidos sobre o rolo normal racional**” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Cícero Fernandes de Carvalho** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***On the higher Hamming weights of certain evaluation codes***" in the session "***Finite Fields and Applications***".

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This is to certify that **María Chara** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**On cubic Kummer towers of Garcia, Stichtenoth and Thomas type**” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that ***Otávio José Neto Tinoco Neves dos Santos*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "***Construção de códigos de cobertura sobre o produto direto de corpos finitos***" in the session "*Finite Fields and Applications*".

Maringá, August 1^{ts}. 2014.

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This is to certify that **Paulo César Cavalcante de Oliveira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Curvas Maximais em $P^3(k)$** " in the session "*Finite Fields and Applications*".

Maringá, August 1st. 2014.

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This is to certify that **Guilherme Tizziotti** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Weierstrass semigroup and codes over the curve $yq + y = x\{q^r+1\}$** ” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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This is to certify that **Alonso Sepúlveda Castellanos** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá , Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**On Automorphism Group of Codes over Generalized Hermitian Curves**” in the session “*Finite Fields and Applications*”.

Maringá, August 1^{ts}. 2014.

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Maringá, Paraná, Brazil



This is to certify that **Beatriz Motta** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled "**Construction of complete arcs from curves**" in the session "*Finite Fields and Applications*".

Maringá, August 1st. 2014.

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This is to certify that **Nicola Pace** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the talk entitled “**Arcs and Linear Codes with Prescribed Symmetry**” in the session “*Finite Fields and Applications*”.

Maringá, August 1st. 2014.

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