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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 **Ana Carolina Moura Teixeira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled "**Classificação de p -grupos Finitos com Poucas Classes de Conjugação de Subgrupos Não Normais**", in poster form.

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This is to certify that **Ana Cláudia M. M. Chagas** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**The Golod-Safarevic Inequality For Some Pro-p Groups**”, with **Antonio A. de Andrade** as coauthor.

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This is to certify that *Ana Paula da Silva Cota* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “*Special Biserial Algebras*”, in poster form.

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This is to certify that **Antonio Aparecido de Andrade** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**A note over number fields of power conductor 2 and applications in the construction of rotated lattices**”, with **Eduardo Rogério Favaro** and **Tariq Shah** as coauthors .

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This is to certify that **Clayton Cristiano Silva** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**Álgebras de Lie dos Tipos Finito e Afim**”, with **Marinês Guerreiro** as coauthor.

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This is to certify that **Clotilzio Moreira 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 work entitled “**Sobre a teoria local de formas hermitianas em característica dois**”, in poster form.

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This is to certify that ***Cristian Schmidt*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***A study about hereditary categories with tilting object***”, in poster form.

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This is to certify that **Dalton Couto 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 work entitled “**O Teorema de Lie no contexto das Álgebras de Lie Solúveis**”, in poster form.

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This is to certify that **Daniel Levcovitz** attended the XXIII *Brazilian Algebra Meeting*, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**On a theorem of Stafford**”, in poster form.

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This is to certify that *Dayane Andrade Queiróz* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “*Álgebras Cluster*”, in poster form.

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This is to certify that *Diego das Neves de 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 work entitled “*Cohomology ring of a family of rank one Hopf algebras*”, in poster form.

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This is to certify that **Edward Landi Tonucci** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Elementos Simétricos sob Involuções Orientadas**”, in poster form.

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This is to certify that ***Elen Deise Assis Barbosa*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “***Unidades f -unitárias generalizadas em um anel de grupo integral***”, with ***Thierry C. Petit Lobão*** as coauthor.

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This is to certify that ***Eudes Antonio da Costa*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***Álgebras universais associativas Lie nilpotentes de classe 4***”, in poster form.

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This is to certify that **Fábio Alexandre de Matos** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Teorema 90 de Hilbert para o Radical de Kaplansky**”, in poster form.

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This is to certify that **Francismar Ferreira 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 work entitled “**Fixed points by finite groups acting on solvable groups of type FP_∞** ”, in poster form.

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This is to certify that ***Germán Benitez Monsalve*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***Variedades de Gelfand-Tsetlin para $gl(n)$*** ”, in poster form.

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This is to certify that **Heber Cristina Teixeira** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled "**Teoria de Morita para categorias de funtores**", in poster form.

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This is to certify that *Jacqueline Costa Cintra* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “*Alguns Produtos Orlados e a Propriedade do Normalizador*”, in poster form.

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This is to certify that **João Paulo Lindquist Figueredo** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**Cálculo de alguns grupos de classes**”, with **Antonio A. de Andrade** as coauthor.

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This is to certify that **Juliana Canella** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Grupos e Álgebras de Lie Delgadas G-Associadas Graduadas sobre F_p** ”, in poster form.

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This is to certify that *Lilian Batista 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 work entitled “*Explicit Factorization of $X^n - 1 \in F_q$* ”, in poster form.

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This is to certify that **Lizeth Gabriela Cruz Valdivia** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Introdução à categorificação algébrica**”, in poster form.

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This is to certify that **Márcia G. de Oliveira Matos** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**A Estrutura do Grupo Adjunto para Anéis Finitos**”, in poster form.

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This is to certify that ***Maria Elenice Rodrigues Hernandes*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***Polar Multiplicities of Ruled Hypersurfaces***”, in poster form.

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This is to certify that **Mariana de Almeida Nery 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 work entitled "**Finite Fields and Cyclotomic Polynomials**", in poster form.

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This is to certify that **Matheus Bernardini de 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 work entitled “**Semigrupos numéricos que contém dois inteiros primos entre si p e q** ”, in poster form.

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This is to certify that **Mayumi Makuta** attended the XXIII Brazilian *Algebra Meeting*, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Algebra Extensions by Hopf Algebras**”, in poster form.

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This is to certify that *Moacyr Rodrigues de Miranda Júnior* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “*Técnicas de classificação de p -grupos finitos de subgrupos não-normais*”, in poster form.

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This is to certify that **Patrícia Hernandes Baptistelli** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Invariant theory and relative symmetries**”, in poster form.

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This is to certify that ***Paula Macedo Lins de Araújo*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***Produtos Entrelaçados Finitamente Apresentáveis***”, in poster form.

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This is to certify that **Pedro Henrique Pereira Daldegan** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Synchronization**”, in poster form.

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This is to certify that **Rafael Barbosa 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, in poster form, the work entitled “**Existência de Conexões em Módulos Projetivos**”, with **Jacqueline Rojas** as co-author.

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This is to certify that **Rafael Lucas de Arruda** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**On the Variety of Lines on Linear Sections of Grassmannians**”, in poster form.

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This is to certify that **Ranielle F. Brito de Freitas** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**Sobre a Álgebra Tensorial**”, with **Patrícia B. dos Santos** as co-author.

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This is to certify that **Renato dos Santos Diniz** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Invariantes de Makar-Limanov de certas hipersuperfícies algébricas**”, in poster form.

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This is to certify that **Robson Ricardo de Araujo** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**A note over ring of integers and applications**”, with **Antonio A. de Andrade** as co-author.

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This is to certify that **Sabrina Dornelas Mota** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**Um breve estudo sobre semigrupos simétricos, pseudo-simétricos e Arf relacionado à Árvore de Semigrupos**”, in poster form.

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This is to certify that ***Sarah Faria Monteiro Mazzini*** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “***Reticulados, sistemas finitos de raízes e suas relações com a teoria de Lie***”, in poster form.

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Maringá, Paraná, Brazil

This is to certify that **Silvina Alejandra Alderete** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled "**Idempotentes geradores de códigos minimais**", with **Edson Iwaki** as co-author.

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This is to certify that *Thais Silva do Nascimento* attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “*Subvariedades minimais das supervariedades de crescimento quase polinomial: calculando cocaracteres e cocomprimentos graduados*”, in poster form.

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This is to certify that **Thiago Henrique de Freitas** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**On Formal Local Cohomology Defined by a Pair of Ideals**”, with **Victor Hugo Jorge Perez** as coauthor.

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This is to certify that **Valter S. de Camargo** attended the XXIII Brazilian Algebra Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented, in poster form, the work entitled “**Álgebra de Clifford: O Modelo Conformal e Uma Aplicação Eficiente**”, with **Carlile Lavor** and **Emerson V.Castelani** as coauthors.

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This is to certify that **Victor do Nascimento 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 work entitled “**Representações de peso máximo para álgebras de Lie correntes truncadas**”, in poster form.

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This is to certify that **Yuri Santos Rego** attended the XXIII Brazilian *Algebra* Meeting, held at the Universidade Estadual de Maringá, Brazil, from July 27th to August 1st, 2014 and presented the work entitled “**The Golod-Safarevic Inequality For Some Pro-p Groups**”, in poster form.

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