





### Certificate

I declare that Herivelto M. Borges Filho participated and gave the mini-course "Exploring" Rational Points on Curves over Finite Fields" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko







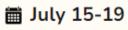












**♀** IME-USP

### Certificate

I declare that Hipolito Treffinger participated and gave the mini-course "Higher homological" algebra in representation theory" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko



















**♀** IME-USP

## Certificate

I declare that Igor dos Santos Lima participated and gave the mini-course "An Introduction" to Computer Algebra with GAP" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lűsenko



















### **♀** IME-USP

### Certificate

I declare that Csaba Schneider participated and gave the mini-course "An Introduction to Computer Algebra with GAP" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko



















**♀** IME-USP

### Certificate

I declare that Jethro van Ekeren participated and gave the mini-course "Vertex Algebras" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lüsenko







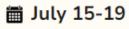












**♀** IME-USP

### Certificate

I declare that Lucas Henrique Rocha de Souza participated and gave the mini-course "Selberg's Lemma and Applications" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lűsenko





















## Certificate

I declare that Samuel Amador dos Santos Quirino participated and gave the mini-course "Selberg's Lemma and Applications" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko





















## Certificate

I declare that Masha Vlasenko participated and gave the mini-course "Congruences and cohomology" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko







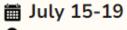














### Certificate

I declare that Mikhail Kotchetov participated and gave the mini-course "Group gradings on algebras and modules" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko





















## Certificate

I declare that Oliver Lorscheid participated and gave the mini-course "New foundations for matroid theory and tropical geometry" at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lusenko







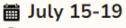












## Certificate

I declare that Alexandr Kornev attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lűsenko



















### Certificate

I declare that Altair Santos de Oliveira Tosti attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





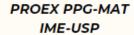




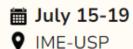












### Certificate

I declare that Angelo Calil Bianchi attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







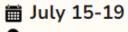












### **●** IME-USP

### Certificate

I declare that Arkady Tsurkov attended 1 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







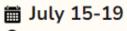












### Certificate

I declare that Ayrton Anjos Teixeira attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







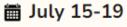














### Certificate

I declare that Barbara Seelig Pogorelsky attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















**●** IME-USP

## Certificate

I declare that Caio Barbosa da Cunha attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















### **●** IME-USP

### Certificate

I declare that Cássia Ferreira Sampaio attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







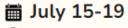














### Certificate

I declare that Dafne Campos Lima Bessades attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







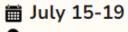












### **●** IME-USP

## Certificate

I declare that Dalton Couto Silva attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







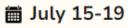












### Certificate

I declare that Daniela do Nascimento Rodrigues attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















### 

## Certificate

I declare that Dimple Rani attended 3 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















### Certificate

I declare that Dirceu Bagio attended 1 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Douglas Vilela de Paiva Silva attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





















### Certificate

I declare that Dylene Agda Souza de Barros attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko









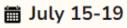














### Certificate

I declare that Esteban de Jesus Garcia Hernandez attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















### Certificate

I declare that Francisco Gabriel Klock Campos Vidal attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko























### Certificate

I declare that Gabriel Alexsander de Carvalho attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko









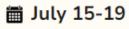












### Certificate

I declare that Gabriel de Arêa Leão Souza attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















### Certificate

I declare that Gabriella Cristina de Souza attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





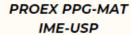




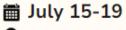














### Certificate

I declare that Guilherme da Costa Cruz attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





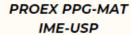




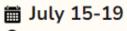














# Certificate

I declare that Gurmeet Kaur Bakshi attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko





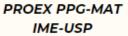




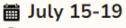














### Certificate

I declare that Gustavo Freire Schafhauser attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ighor Gomes Rodrigues attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















### Certificate

I declare that Janaíne Geralda Mesquita Martins attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







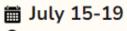












**●** IME-USP

### Certificate

I declare that Jeremy Ortiz Moretto attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that João Henrique Oliveira Sager attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















## Certificate

I declare that Juan Antonio Pacheco Cruz attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















## Certificate

I declare that Júlio Marques attended 4 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Laiz Valim da Rocha attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Leo Margolis attended 1 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







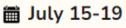












#### Certificate

I declare that Leonardo Santos da Cruz attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Amaral Taylor attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Colucci attended 1 of the 5 classes of the minicourse "An Introduction" to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















**●** IME-USP

## Certificate

I declare that Lucas Correa Lopes attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Nacif Giacomin attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko





















#### Certificate

I declare that Luís Carlos Britner Junior attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko























## Certificate

I declare that Luiz Henrique de Souza Matos attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







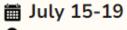














## Certificate

I declare that Marcelo Sousa de Miranda Junior attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that María Alejandra Alvarez attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko





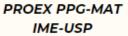
















#### Certificate

I declare that Maria Luiza Oliveira Santos attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko





















#### Certificate

I declare that Marlon Stefano Fernandes Estanislau attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Melissa de Sousa Luiz attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







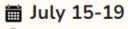














## Certificate

I declare that Millena Andrade da Silva attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















#### **●** IME-USP

# Certificate

I declare that Mirele Pereira da Silva attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







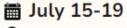














## Certificate

I declare that Pablo Salermo Monteiro do Nascimento attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko























# Certificate

I declare that Pedro Souza Fagundes attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko























## Certificate

I declare that Pryscilla dos Santos Ferreira Silva attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















## Certificate

I declare that Renan Vanderlei Fernandes attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Renato Fehlberg Júnior attended 3 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko









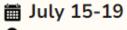














## Certificate

I declare that Roger Ramirez Primolan attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





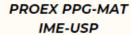
















# Certificate

I declare that Rosemary Miguel Pires attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















## Certificate

I declare that Samantha Pedroso attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







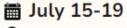














## Certificate

I declare that Sharmenya Jany Andrade Correia de Sousa attended 4 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





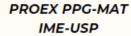
















#### **●** IME-USP

# Certificate

I declare that Sugandha Maheshwary attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







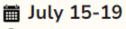














#### Certificate

I declare that Thiago Augusto Silva Dourado attended 1 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





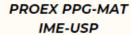
















#### Certificate

I declare that Thiago Castilho de Mello attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





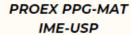


















#### Certificate

I declare that Victor Hugo López Solís attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Vitor Riella Guimarães attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















#### Certificate

I declare that Vitória Gomes de Oliveira attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





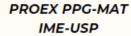






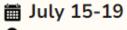














#### Certificate

I declare that Viviane Ribeiro Tomaz da Silva attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







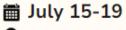














#### Certificate

I declare that Wesley Gonçalves Lautenschlaeger attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Wesley Quaresma Cota attended 2 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko





















## Certificate

I declare that Willian Goulart Gomes Velasco attended 5 of the 5 classes of the minicourse "An Introduction to Computer Algebra with GAP" presented by Csaba Schneider and Igor Lima at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







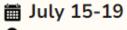














## Certificate

I declare that Aislan Leal Fontes attended 4 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko























### Certificate

I declare that Alex Carrazedo Dantas attended 1 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





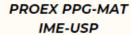


















## Certificate

I declare that André Luís dos Santos Duarte da Silva attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







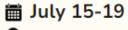














### Certificate

I declare that Andrei de Aquino Fonseca Doronin attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















# Certificate

I declare that Annamaria lezzi attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







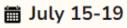












### Certificate

I declare that Antonio Aparecido de Andrade attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko























### Certificate

I declare that Arthur Fernandes Papa Pereira attended 1 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





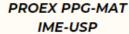






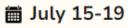














### Certificate

I declare that Átila Felipe de Souza Figueredo attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







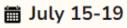












### Certificate

I declare that Brenda Letícia Rodrigues Silva attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







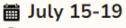














### Certificate

I declare that Breno Oliveira Souza attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







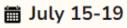












### Certificate

I declare that Caio Monteiro de Oliveira attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Carina Alves attended 4 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko























### Certificate

I declare that Daniela Alves de Oliveira attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that Diego Kian attended 5 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















#### Certificate

I declare that Douglas Matos Gomes attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Elena Berardini attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















### Certificate

I declare that Érica Zancanella Fornaroli attended 1 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko









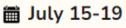














## Certificate

I declare that Fabio Enrique Brochero Martínez attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







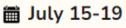














## Certificate

I declare that Felipe Zingali Meira attended 3 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko





















### Certificate

I declare that Gabriel Eurípedes de Jesus Farias attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





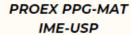




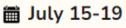












### Certificate

I declare that Gurmeet Kaur Bakshi attended 1 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







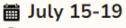














## Certificate

I declare that Henrique Augusto Mendes da Silva e Souza attended 1 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko























### Certificate

I declare that Henrique Quirino de Oliveira attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







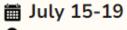














## Certificate

I declare that Homero Pacheco Esteves attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















## Certificate

I declare that Jade Nardi attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















### Certificate

I declare that Jéssica Duarte Severino attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko























### Certificate

I declare that João Paulo Guardieiro Sousa attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko























#### Certificate

I declare that Joshua Adhel Loayza Meza attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















### Certificate

I declare that Julia Bernardes Coelho attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







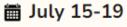














## Certificate

I declare that Juliana Nasser Gimenez attended 3 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko





















# Certificate

I declare that Lara Vicino attended 4 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







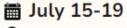














## Certificate

I declare that Leonardo Silva de Oliveira attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko









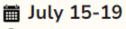














### Certificate

I declare that Leonardo Soares Moço attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







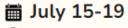














### Certificate

I declare that Lorenzo Andreaus attended 4 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Reis attended 1 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko





















## Certificate

I declare that Luís Felipe Souza Magalhães attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















## Certificate

I declare that Luiz Cláudio Oliveira Almeida attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko























## Certificate

I declare that Makson Miller Alves Ribeiro attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko









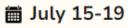














## Certificate

I declare that Márcio Ribeiro de Oliveira Filho attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















## Certificate

I declare that Maria Eduarda Martins Fernandes attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





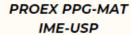
















# Certificate

I declare that Masha Vlasenko attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















#### Certificate

I declare that Myrla Kedynna Barbosa attended 2 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko









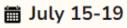












## Certificate

I declare that Nayane Nicoli Javará attended 4 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







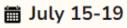














## Certificate

I declare that Paula Mercedes Chiapparoli attended 3 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko





















## Certificate

I declare that Roberto Alvarenga attended 2 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko























## Certificate

I declare that Robson Ricardo de Araujo attended 1 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







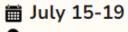












#### **●** IME-USP

## Certificate

I declare that Samir Assuena attended 3 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







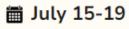














## Certificate

I declare that Samuel Felipe de Oliveira attended 4 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















#### **●** IME-USP

# Certificate

I declare that Sarah Arpin attended 5 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Sávio Ribas attended 1 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko





















## Certificate

I declare that Sugandha Maheshwary attended 1 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





















## Certificate

I declare that Thiago Verissimo Leal Gonçalves attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







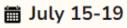












## Certificate

I declare that Tiago Aprigio Bezerra Meireles attended 5 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko









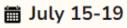














## Certificate

I declare that Victor Gonzalo Lopez Neumann attended 2 of the 5 classes of the minicourse "Exploring Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







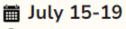














#### Certificate

I declare that Victor Kioshi Higa attended 1 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







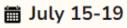














## Certificate

I declare that Ygor Allem Rentroia attended 5 of the 5 classes of the minicourse "Exploring" Rational Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Yuly Billig attended 4 of the 5 classes of the minicourse "Exploring Rational" Points on Curves over Finite Fields" presented by Herivelto Martins Borges Filho at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















## Certificate

I declare that Adina Veronica Remor attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







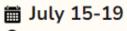












**Q** IME-USP

## Certificate

I declare that Amanda de Melo Souza attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







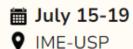












# Certificate

I declare that Ana Clara Garcia Elsener attended 1 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko









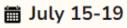














## Certificate

I declare that Cristian Felipe Gallego Olaya attended 2 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















## Certificate

I declare that Daniel Negreiros Lobo attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















## Certificate

I declare that David José de Melo Junior attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















**Q** IME-USP

# Certificate

I declare that Douglas de Souza Queiroz attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko





















## Certificate

I declare that Dylene Agda Souza de Barros attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Edson Ribeiro Álvares attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







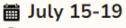














## Certificate

I declare that Eduardo do Nascimento Marcos attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















#### **Q** IME-USP

## Certificate

I declare that Emmanuel Jerez Usuga attended 3 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko





















## Certificate

I declare that Esteban de Jesus Garcia Hernandez attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







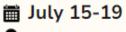














# Certificate

I declare that Guilherme da Costa Cruz attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Gurmeet Kaur Bakshi attended 1 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Gustavo Freire Schafhauser attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ibrahim Assem attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ighor Gomes Rodrigues attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







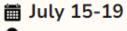












#### **Q** IME-USP

# Certificate

I declare that Igor Alarcon Blatt attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















**Q** IME-USP

# Certificate

I declare that Jeremy Rickard attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















## Certificate

I declare that Johan Sebastian Cortes-Villamizar attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that John H. Castillo attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







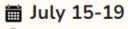














# Certificate

I declare that John William MacQuarrie attended 4 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















#### Certificate

I declare that Júlio César Magalhães Marques attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







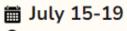












**Q** IME-USP

# Certificate

I declare that Luca Mauad Gaio attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Amaral Taylor attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







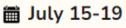












## Certificate

I declare that Lucas Henrique Rocha de Souza attended 2 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Lucas Nacif Giacomin attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Marcelo Lanzilotta attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Marcelo Moreira da Silva attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko









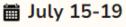














## Certificate

I declare that Marco Antonio Pérez Bullones attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















### Certificate

I declare that Maria Clara Cardoso attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







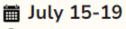














#### Certificate

I declare that Paulo Damião Christo Martins attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko









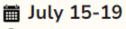














#### Certificate

I declare that Pryscilla dos Santos Ferreira Silva attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







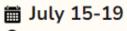














# Certificate

I declare that Rafael Ferreira Holanda attended 3 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko





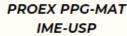




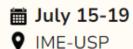












### Certificate

I declare that Roger Ramirez Primolan attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







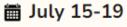














## Certificate

I declare that Rosana Retsos Signorelli Vargas attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















**●** IME-USP

# Certificate

I declare that Ryo Fujita attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Sabrina Ivanil Pereira attended 4 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















#### Certificate

I declare that Samuel Amador dos Santos Quirino attended 1 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















## Certificate

I declare that Sonia Elisabet Trepode attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Sônia Maria Fernandes attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Sugandha Maheshwary attended 1 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko









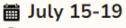














## Certificate

I declare that Teodora Fernandes Lauria Pereira attended 3 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







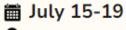














#### Certificate

I declare that Thadeu Henrique Cardoso Vieira Alves de Souza Costa attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







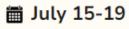












## Certificate

I declare that Victor Daniel Mendoza Rubio attended 5 of the 5 classes of the minicourse "Higher homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Vitor Emanuel Gulisz attended 5 of the 5 classes of the minicourse "Higher" homological algebra in representation theory" presented by Hipolito Treffinger at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







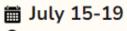












**Q** IME-USP

# Certificate

I declare that Alberto Elduque attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that Cristian Felipe Gallego Olaya attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Daniel Eiti Nishida Kawai attended 4 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







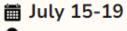












#### **Q** IME-USP

# Certificate

I declare that Daniel Levcovitz attended 3 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Danilo Vilela Avelar attended 2 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







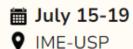












## Certificate

I declare that David José de Melo Junior attended 3 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







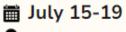














# Certificate

I declare that Dirceu Bagio attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Edvan Fernandes Lima attended 3 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















#### **Q** IME-USP

# Certificate

I declare that Edward Landi Tonucci attended 1 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





















# Certificate

I declare that Elena Pascucci attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















## Certificate

I declare that Gabriela Cotrim de Moraes attended 1 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







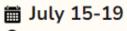












**Q** IME-USP

# Certificate

I declare that Himanshu Rewri attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko





















# Certificate

I declare that Igor Alarcon Blatt attended 3 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko





















# Certificate

I declare that Igor Martins Silva attended 5 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Jonatan Andres Gomez Parada attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







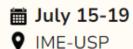












# Certificate

I declare that Juliana Medeiros Barbosa attended 2 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Luan Carlos Rigoleto Fernandes attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















## Certificate

I declare that Lucas Roberto de Lima attended 1 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







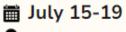














# Certificate

I declare that Ma Isabel Hernández attended 5 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Marcelo Moreira da Silva attended 3 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Maria Clara Cardoso attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















**Q** IME-USP

# Certificate

I declare that Mikhail Kotchetov attended 3 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko





















# Certificate

I declare that Onofrio Mario Di Vincenzo attended 3 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















#### **●** IME-USP

# Certificate

I declare that Oscar Francisco Márquez Sosa attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Othávio Vinícius Costa Goveia attended 3 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Pedro Lucas Santos dos Reis attended 2 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko





















# Certificate

I declare that Rodrigo Lucas Rodrigues attended 5 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko









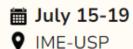












## Certificate

I declare that Sabrina Ivanil Pereira attended 3 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Sebastiano Argenti attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Steven attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that Teodora Fernandes Lauria Pereira attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















## Certificate

I declare that Thadeu Henrique Cardoso Vieira Alves de Souza Costa attended 3 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Tulio Marcio Gentil dos Santos attended 1 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra" Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















#### **Q** IME-USP

# Certificate

I declare that Valdir José Pereira Júnior attended 5 of the 5 classes of the minicourse "Vertex" Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Valéria Maria Ruela attended 4 of the 5 classes of the minicourse "Vertex Algebras" presented by Jethro van Ekeren at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







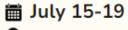














# Certificate

I declare that Adina Veronica Remor attended 5 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







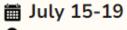














# Certificate

I declare that Arthur Gonçalves Diesel attended 4 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Claude Marion attended 5 of the 5 classes of the minicourse "Selberg's Lemma" and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Claudio Gorodski attended 5 of the 5 classes of the minicourse "Selberg's Lemma" and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko









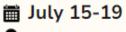














# Certificate

I declare that Edward Landi Tonucci attended 1 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Haoyu Chen attended 5 of the 5 classes of the minicourse "Selberg's Lemma" and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







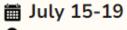














### Certificate

I declare that José Victor Gomes Teixeira attended 1 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















**●** IME-USP

# Certificate

I declare that Juaci Picanço da Silva attended 1 of the 5 classes of the minicourse "Selberg's" Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







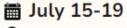














### Certificate

I declare that Luís Filipe Vital de França attended 3 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















### Certificate

I declare that Martino Garonzi attended 5 of the 5 classes of the minicourse "Selberg's Lemma" and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







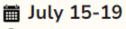














### Certificate

I declare that Nicole Conversano Lavinia attended 2 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko







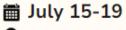














### Certificate

I declare that Paulo Damião Christo Martins attended 4 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







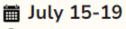














# Certificate

I declare that Rafael Haag Petasny attended 5 of the 5 classes of the minicourse "Selberg's" Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







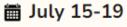














## Certificate

I declare that Ricardo Joel Franquiz Flores attended 3 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







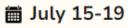












### Certificate

I declare that Vanessa Beatriz da Silva Fagundes attended 5 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko







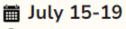














## Certificate

I declare that Victor Daniel Mendoza Rubio attended 4 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







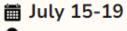












**●** IME-USP

# Certificate

I declare that Vitor Emanuel Gulisz attended 3 of the 5 classes of the minicourse "Selberg's Lemma and applications" presented by Lucas H.R. de Souza and Samuel Quirino at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Aislan Leal Fontes attended 2 of the 5 classes of the minicourse "Congruences" and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Angelo Calil Bianchi attended 2 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Annamaria lezzi attended 4 of the 5 classes of the minicourse "Congruences" and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







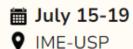












### Certificate

I declare that Arthur Gonçalves Diesel attended 5 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Csaba Schneider attended 2 of the 5 classes of the minicourse "Congruences" and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko

















(total hours attended: 5)



# Certificate

I declare that Daniel Levcovitz attended 5 of the 5 classes of the minicourse "Congruences" and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

Kostiantyn lüsenko



















# Certificate

I declare that Diego Kian attended 5 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Edvan Fernandes Lima attended 4 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### **Q** IME-USP

# Certificate

I declare that Elena Berardini attended 3 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Franciele do Carmo Silva attended 2 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Gabriel Eurípedes de Jesus Farias attended 5 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







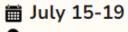












#### **Q** IME-USP

# Certificate

I declare that Jade Nardi attended 4 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko







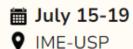












# Certificate

I declare that Jean Carlos de Aguiar Lelis attended 2 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko







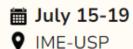












### Certificate

I declare that Juan Camilo Arias Uribe attended 5 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







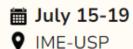












# Certificate

I declare that Juliana Nasser Gimenez attended 3 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















### Certificate

I declare that Lorenzo Andreaus attended 5 of the 5 classes of the minicourse "Congruences" and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















#### **Q** IME-USP

# Certificate

I declare that Luís Filipe Vital de França attended 4 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







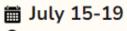












**Q** IME-USP

# Certificate

I declare that Sarah Arpin attended 5 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Volodymyr Nekrashevych attended 4 of the 5 classes of the minicourse "Congruences and cohomology" presented by Masha Vlasenko at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















### Certificate

I declare that Alberto Elduque attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko









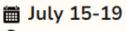












# Certificate

I declare that Alexander Holguín Villa attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Alexandr Kornev attended 3 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Ana Carolina de Oliveira Silva attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







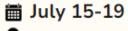












# Certificate

I declare that André Luís dos Santos Duarte da Silva attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















## Certificate

I declare that Angelo Calil Bianchi attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Arkady Tsurkov attended 1 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Bárbara Seelig Pogorelsky attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Breno Oliveira Souza attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







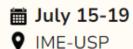












# Certificate

I declare that Cássia Ferreira Sampaio attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







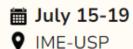












# Certificate

I declare that Clarissa Duarte de Oliveira attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Claudemir Fideles Bezerra Jr attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Dalton Couto Silva attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Daniela do Nascimento Rodrigues attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Daniela La Mattina attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















# Certificate

I declare that Danilo Vilela Avelar attended 3 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Dimple Rani attended 3 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Diogo Diniz Pereira da Silva e Silva attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### **●** IME-USP

#### Certificate

I declare that Dirceu Bagio attended 1 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Edward Landi Tonucci attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Elena Pascucci attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ênio Carlos da Silva Leite attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Érica Zancanella Fornaroli attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







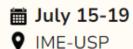












# Certificate

I declare that Fernando Sônego de Toledo attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Flávio da Silva attended 3 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







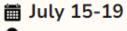












**●** IME-USP

#### Certificate

I declare that Francisco Gabriel Klock Campos Vidal attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







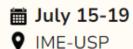












#### Certificate

I declare that Gurmeet Kaur Bakshi attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















#### Certificate

I declare that Henrique Augusto Mendes da Silva e Souza attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 2)

Kostiantyn lüsenko



















#### Certificate

I declare that Henrique Quirino de Oliveira attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that Himanshu Rewri attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ícaro Santos Olímpio attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Igor Martins Silva attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that Italo Bauer Rodrigues da Silva attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Janara Ramos Nascimento attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







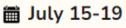














# Certificate

I declare that Jennyfer Juliana Calderon Moreno attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Jeremy Ortiz Moretto attended 2 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko







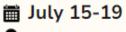














# Certificate

I declare that João Henrique Oliveira Sager attended 3 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







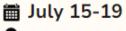












**●** IME-USP

# Certificate

I declare that John H. Castillo attended 1 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 1)

Kostiantyn lüsenko







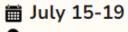












#### 

# Certificate

I declare that Jonatan Andres Gomez Parada attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that José Lucas Galdino da Silva attended 3 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















#### Certificate

I declare that José Victor Gomes Teixeira attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







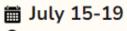












### Certificate

I declare that Joshua Adhel Loayza Meza attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Juaci Picanço da Silva attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Julia Bernardes Coelho attended 3 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko



















#### Certificate

I declare that Juliana Medeiros Barbosa attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Kauê Orlando Pereira attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that Laiz Valim da Rocha attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















#### Certificate

I declare that Leo Margolis attended 4 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















#### Certificate

I declare that Lídia Charra Alves attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Luan Carlos Rigoleto Fernandes attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Lucas Roberto de Lima attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Lucas Seidy Ogawa attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko







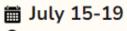












### Certificate

I declare that Luiz Cláudio Oliveira Almeida attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Luiz Henrique de Souza Matos attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







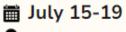














## Certificate

I declare that Ma Isabel Hernández attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







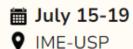












### Certificate

I declare that Makson Miller Alves Ribeiro attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Manuela da Silva Souza attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Marcelo Muniz Silva Alves attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















### Certificate

I declare that Márcio Ribeiro de Oliveira Filho attended 3 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







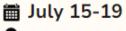












### Certificate

I declare that María Alejandra Alvarez attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Maria Eduarda Martins Fernandes attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















## Certificate

I declare that Maria Eugenia Martin attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







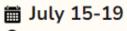












**●** IME-USP

## Certificate

I declare that Matheus Augusto Pock de Oliveira attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Micael Said Garcia attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that Mirele Pereira da Silva attended 3 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 3)

Kostiantyn lüsenko







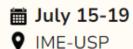












### Certificate

I declare that Nayane Nicoli Javará attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko





















#### Certificate

I declare that Nicole Conversano Lavinia attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















#### Certificate

I declare that Onofrio Mario Di Vincenzo attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







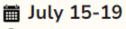














## Certificate

I declare that Oscar Francisco Márquez Sosa attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















#### Certificate

I declare that Pablo Salermo Monteiro do Nascimento attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko





















#### Certificate

I declare that Pedro Lucas Santos dos Reis attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















#### Certificate

I declare that Pedro Souza Fagundes attended 2 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















#### Certificate

I declare that Rafael Haag Petasny attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







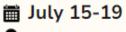












### Certificate

I declare that Renato Fehlberg Júnior attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















### Certificate

I declare that Ricardo Joel Franquiz Flores attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















# Certificate

I declare that Rodrigo Lucas Rodrigues attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















### Certificate

I declare that Rosemary Miguel Pires attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Rosiele Trindade Barbosa attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Samir Assuena attended 4 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Sebastiano Argenti attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Steven attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Sugandha Maheshwary attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Thais Mayumi Batista Makuta attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Thiago Castilho de Mello attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Vanessa Beatriz da Silva Fagundes attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Victor Hugo López Solís attended 1 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Victor Kioshi Higa attended 5 of the 5 classes of the minicourse "Group gradings" on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko



















### Certificate

I declare that Vitor Riella Guimarães attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















# Certificate

I declare that Vitória Gomes de Oliveira attended 1 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















# Certificate

I declare that Viviane Ribeiro Tomaz da Silva attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















### **●** IME-USP

### Certificate

I declare that Wesley Gonçalves Lautenschlaeger attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















### Certificate

I declare that Wesley Quaresma Cota attended 4 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko







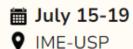












### Certificate

I declare that Willian Goulart Gomes Velasco attended 5 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Ygor Allem Rentroia attended 4 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko



















#### **●** IME-USP

# Certificate

I declare that Yuly Billig attended 2 of the 5 classes of the minicourse "Group gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 2)

Kostiantyn lüsenko



















#### 

# Certificate

I declare that Zagueu Cristiano Moreira attended 5 of the 5 classes of the minicourse "Group" gradings on algebras and modules" presented by Mikhail V. Kotchetov at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







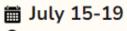












**●** IME-USP

# Certificate

I declare that Alex Carrazedo Dantas attended 1 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko





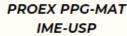


















### Certificate

I declare that Átila Felipe de Souza Figueredo attended 4 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





















### Certificate

I declare that Cecilia Salgado attended 4 of the 5 classes of the minicourse "New foundations" for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that Daniel Eiti Nishida Kawai attended 4 of the 5 classes of the minicourse "New I foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko









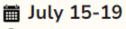














# Certificate

I declare that Douglas Matos Gomes attended 5 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko



















# Certificate

I declare that Felipe Zingali Meira attended 5 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko







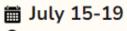












**●** IME-USP

### Certificate

I declare that Haoyu Chen attended 5 of the 5 classes of the minicourse "New foundations" for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





















# Certificate

I declare that Homero Pacheco Esteves attended 5 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko





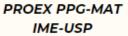
















### Certificate

I declare that Ícaro Santos Olímpio attended 1 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Jean Carlos de Aguiar Lelis attended 1 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 1)

Kostiantyn lüsenko



















### Certificate

I declare that Jéssica Duarte Severino attended 4 of the 5 classes of the minicourse "New I foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 4)

Kostiantyn lüsenko





















# Certificate

I declare that Leonardo Soares Moço attended 5 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko























### Certificate

I declare that Luiz Cláudio Oliveira Almeida attended 3 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko







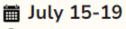














### Certificate

I declare that Roberto Carlos Alvarenga da Silva Júnior attended 4 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 4)

Kostiantyn lüsenko





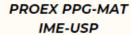
















 **July 15-19** 

### Certificate

I declare that Thiago Verissimo Leal Gonçalves attended 5 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 5)

Kostiantyn lüsenko









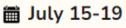














### Certificate

I declare that Tiago Aprigio Bezerra Meireles attended 3 of the 5 classes of the minicourse "New foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024.

(total hours attended: 3)

Kostiantyn lüsenko



















# Certificate

I declare that Valdir José Pereira Júnior attended 5 of the 5 classes of the minicourse "New I foundations for matroid theory and tropical geometry" presented by Oliver Lorscheid at the event "XXVII Brazilian Algebra Meeting", held at University of São Paulo, July 15-19, 2024. (total hours attended: 5)

Kostiantyn lüsenko













