

# XXV Brazilian Algebra Meeting

IMECC, UNICAMP, Campinas, Brazil; December 03 to 07, 2018

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## C E R T I F I C A T E

We hereby certify that

RENE BALTAZAR,  
from Universidade Federal do Rio Grande do Sul, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

IS THE ISOTROPY GROUP OF A DERIVATION  
ALWAYS AN ALGEBRAIC GROUP?

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

## XXV Brazilian Algebra Meeting

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### C E R T I F I C A T E

We hereby certify that

MARCO BOGGI,

from Universidade Federal de Minas Gerais, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

ENDOMORPHISMS OF JACOBIANS OF ALGEBRAIC  
CURVES WITH AUTOMORPHISMS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

## XXV Brazilian Algebra Meeting

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### C E R T I F I C A T E

We hereby certify that

ANGEL CAROCCA,  
from Universidad de La Frontera, Chile

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

ON GROUP REPRESENTATIONS AND THEIR ACTIONS  
ON SURFACES AND VARIETIES

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## C E R T I F I C A T E

We hereby certify that

MARC CHARDIN,  
from CNRS - Sorbonne Université, France

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

MULTIGRADED CASTELNUOVO-MUMFORD REGULARITY

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

ZAQUEU ALVES RAMOS,  
from Universidade Federal de Sergipe, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

LINEARLY PRESENTED PERFECT IDEALS OF CODIMENSION 2 IN THREE  
VARIABLES

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

JOSNEI ANTONIO NOVACOSKI,  
from Universidade Federal de São Carlos, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

THE LOCAL UNIFORMIZATION PROBLEM

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

RODRIGO JOSÉ GONDIM NEVES,  
from Universidade Federal Rural de Pernambuco, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

LEFSCHETZ PROPERTIES FOR ARTINIAN GORENSTEIN ALGEBRAS  
PRESENTED BY QUADRICS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

HAMID HASSANZADEH,  
from Universidade Federal de Rio de Janeiro, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

BEYOND THE KOSZUL-CECH SPECTRAL SEQUENCE

Campinas, December 07, 2018

Plamen Koshlukov



Chairman



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### C E R T I F I C A T E

We hereby certify that

ABDELMOUBINE AMAR HENNI,  
from Universidade Federal de Santa Catarina, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

ON THE FIXED LOCUS OF INSTANTON SHEAVES ON  $\mathbb{P}^3$

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

FRANCESCO MALASPINA,  
from Politecnico de Torino, Italy

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

VECTOR BUNDLES WITHOUT INTERMEDIATE COHOMOLOGY,  
CASTELNUOVO-MUMFORD REGULARITY AND BEILINSON TYPE SPECTRAL  
SEQUENCES

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

VINICIUS BOUÇA MARQUES DA COSTA,  
from Universidade Federal de Rio de Janeiro, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

THE STRUCTURE OF THE DISGUISED RESIDUAL INTERSECTION

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

LILIAM CARSAVA MERIGHE,  
from Instituto de Ciências Matemáticas e de Computação da Universidade de  
São Paulo, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of  
Mathematics, the State University of Campinas, Campinas, Brazil, from De-  
cember 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and  
Commutative Algebra* session with the following title:

ON INTEGRAL CLOSURES AND MULTIPLICITIES RELATIVE TO AN  
ARTINIAN MODULE

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## C E R T I F I C A T E

We hereby certify that

VICTOR HUGO JORGE PEREZ,  
from Instituto de Ciências Matemáticas e de Computação da Universidade de  
São Paulo, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of  
Mathematics, the State University of Campinas, Campinas, Brazil, from De-  
cember 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and  
Commutative Algebra* session with the following title:

ON THE ASYMPTOTIC BEHAVIOR OF HILBERT-SAMUEL COEFFICIENTS  
AND J-MULTIPLICITY OF GRADED LOCAL COHOMOLOGY MODULES

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

CLAUDIA POLINI,  
from University of Notre Dame, USA

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

ON A PROBLEM OF POINCARÉ: BOUNDS ON DEGREES OF VECTOR FIELDS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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### C E R T I F I C A T E

We hereby certify that

BERND ULRICH,  
from Purdue University, USA

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

RESIDUAL INTERSECTIONS AND LINEAR POWERS

Campinas, December 07, 2018

Plamen Koshlukov



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### C E R T I F I C A T E

We hereby certify that

JEAN VALLÈS,

from Université de Pau et des Pays de l'Adour, France

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a talk at the *Algebraic Geometry and Commutative Algebra* session with the following title:

JUMPING LINES OF LOGARITHMIC BUNDLES

Campinas, December 07, 2018

Plamen Koshlukov



Chairman



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### *C E R T I F I C A T E*

We hereby certify that

AYDEE LÓPEZ SANTANA,

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

CARACTERIZAÇÕES COHOMOLOGICAS DE FIBRADOS VETORIAIS SOBRE  
QUÁDRICAS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

## XXV Brazilian Algebra Meeting

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### *C E R T I F I C A T E*

We hereby certify that

DIVANE APARECIDA DE MORAES DANTAS,  
from Pontificia Universidad Católica de Minas Gerais, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

TRANSFORMAÇÕES DE CREMONA DE  $\mathbb{P}^4$  QUE SE FATORAM ATRAVÉS DE PROJEÇÕES DE UMA INTERSEÇÃO COMPLETA DE TRÊS QUÁDRICAS DE  $\mathbb{P}^7$

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## C E R T I F I C A T E

We hereby certify that

MARCELO OLIVEIRA VELOSO,  
from Universidade Federal de São João del Rei, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

RINGS OF CONSTANTS OF LINEAR DERIVATIONS ON FERMAT RINGS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## C E R T I F I C A T E

We hereby certify that

PARHAM SALEHYAN,  
from Universidade Estadual Paulista, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

THE COHOMOLOGY OF THE GRASSMANNIAN IS A  $gl$ -MODULE

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## C E R T I F I C A T E

We hereby certify that

RENAN DA SILVA SANTOS,  
from Instituto de Matemática Pura e Aplicada, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

ON LIMIT LINEAR SERIES WITH SIMPLE BASIS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## *C E R T I F I C A T E*

We hereby certify that

THIAGO GINEZ VELANGA MOREIRA,  
from Universidade Estadual de Campinas, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

MULTILINEAR MAPPING VERSUS HOMOGENEOUS POLYNOMIALS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## *C E R T I F I C A T E*

We hereby certify that

THIAGO HENRIQUE DE FREITAS,  
from Universidade Tecnológica Federal do Paraná- Campus Guarapuava,  
Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

WHAT IS THE LOCAL COHOMOLOGY MODULE?

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## *C E R T I F I C A T E*

We hereby certify that

GIOSUÈ MURATORE,  
from Universidade Federal de Minas Gerais, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

THE INDETERMINACY LOCUS OF THE VOISIN MAP

Campinas, December 07, 2018

Plamen Koshlukov



Chairman



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## C E R T I F I C A T E

We hereby certify that

VICTOR DO VALLE PRETTI,  
from Universidade Estadual de Campinas, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

BRIDGELAND STABILITY ON 3-FOLDS

Campinas, December 07, 2018

Plamen Koshlukov



Chairman

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## *C E R T I F I C A T E*

We hereby certify that

VINÍCIUS LARA LIMA,  
from Universidade Federal de Minas Gerais, Brazil

participated at the XXV Brazilian Algebra Meeting held at the Institute of Mathematics, the State University of Campinas, Campinas, Brazil, from December 03 to 07, 2018, and presented a poster at the Meeting with the following title:

GONALITY OF RATIONAL CURVES OF MAXIMAL WEIGHT

Campinas, December 07, 2018

Plamen Koshlukov



Chairman