Matemática Aplicada

Áreas de conocimiento: Matemática Aplicada
Director: Miguel Ángel Piñar González
Secretaria: Julia García Cabello
Página web: https://mateapli.ugr.es
Profesorado: CU: 9, PTU: 34, PTEU: 1, PDI Contratado y Otros: 5.

Tesis leídas

- Approximation des Équations Intégrales de Fredholm par des Quasi-Interpolants Splines et Application à l'équation de Love
Doctorando: Fadila El Mokhtari
Director: Domingo Barrera Rosillo
Fecha de lectura: 04/05/2019

Grupos de Investigación.

FQM359 ANÁLISIS CONVEXO Y NUMÉRICO
- Responsable: MANUEL RUIZ GALÁN
FQM316 ECUACIONES DE EVOLUCIÓN EN DERIVADAS PARCIALES
- Responsable: JUAN SOLER
FQM183 ECUACIONES DIFERENCIALES
- Responsable: RAFAEL ORTEGA RÍOS
FQM191 MATEMATICA APLICADA
- Responsable: MIGUEL PASADAS FERNANDEZ
FQM384 Ortogonalidad y Aplicaciones
- Responsable: TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ

Dirección y participación en Proyectos I+D

- 2018 'ESTUDIO CUALITATIVO DE OSCILADORES NO LINEALES Y PROBLEMAS DE CONTORNO', Competitivo, 01/01/2018-31/12/2020
Responsable PEDRO JOSÉ TORRES VILLARROYA
- 2018 ECUACIONES EN DERIVADAS PARCIALES EN MODELOS DE FISICA Y BIOLOGIA: ANALISIS Y SIMULACION NUMERICA, Competitivo, 01/01/2018-31/12/2020
Responsable JOSÉ ALFREDO CAÑIZO RINCÓN
Responsable MARÍA JOSÉ CÁCERES GRANADOS
- 2018 NUEVAS METODOLOGIAS DE INTELIGENCIA ARTIFICIAL PARA LA RECONSTRUCCION DE HAPLOTIPOS A PARTIR DE SECUENCIACION DE ADN, Competitivo, 01/01/2018-31/12/2020
Investigador/a MICHELA VERBENI
- 2018 UN NUEVO METODO DE CONSTRUCCION DE MODELOS DE COAGULACION Y SUS IMPLICACIONES EN CIENCIAS ACUATICAS, Competitivo, 01/09/2018-01/09/2020
Responsable JUAN CALVO YAGÜE
- 2018 Estudio y aplicaciones de semigrupos numéricos y afines, , 01/01/2018-31/12/2020
Investigador/a AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Fabricación, caracterización, simulación, modelado y aplicaciones de dispositivos de conmutación resistiva, , 01/01/2018-31/12/2020
Investigador/a DOMINGO BARRERA ROSILLO
Investigador/a MARÍA JOSÉ IBÁÑEZ PÉREZ

Publicaciones en revistas

- 2019 Articulo: Quasi-interpolation by C1 quartic splines on type-1 triangulations, Journal of Computational and Applied Mathematics, 349, , 225-238
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
- 2019 Articulo: Approximation of surfaces by modified Helmholtz splines, Journal of Computational and Applied Mathematics, 350, , 262-273
ABDELOUAHED KOUIBIA KRICHI
MIGUEL PASADAS FERNANDEZ
- 2019 Articulo: Analysis of the transcriptional logic governing differential spatial expression in Hh target genes, PloS One, 14, 1, e0209349-
MANUEL CAMBÓN GANDARIAS
ÓSCAR SÁNCHEZ ROMERO
- 2019 Articulo: Filling holes using a mesh of filled curves, Mathematics and Computers in Simulation, , , -
ANTONIO PALOMARES BAUTISTA
MIGUEL ÁNGEL FORTES ESCALONA

MIGUEL LUIS RODRÍGUEZ GONZÁLEZ
PEDRO GONZÁLEZ RODELAS
2019Articulo: Asymptotic behaviour of neuron population models structured by elapsed-time, Nonlinearity, 32, 2, 464-495
JOSÉ ALFREDO CAÑIZO RINCÓN
2019 Articulo: Leukemia multiclass assessment and classification from Microarray and RNA-seq technologies integration at gene expression level, PloS One, 14, 2, -
OLGA VALENZUELA CANSINO
- 2019 Articulo: Equilibrium problems in weakly admissible external fields created by pointwise charges, Journal of Approximation Theory, 244, , 71-100
JOAQUÍN SÁNCHEZ LARA
- 2018 Articulo: Matrix Pearson equations satisfied by Koornwinder weights in two variables, Acta Applicandae Mathematicae, 153, 1, 81-100
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Articulo: Best Polynomial Approximation on the Unit Ball, IMA Journal of Numerical Analysis, 38, 3, 1209-1228
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
- 2018 Articulo: Elementary convex techniques for equilibrium, minimax and variational problems, Optimization Letters, 12, , 137-154
MANUEL RUIZ GALÁN
- 2018 Articulo: Numerical approximation using evolution PDE variational splines, Numerical Methods for Partial Differential Equations, 31, 1, 5-18
ABDELOUAHED KOUIBIA KRICHI
MIGUEL PASADAS FERNANDEZ
- 2018 Articulo: MULTIVARIATE ANALYSIS AND EXTRACTION OF PARAMETERS IN RESISTIVE RAMS USING THE QUANTUM POINT CONTACT MODEL, Journal of Applied Physics, 123, 014501, -
PEDRO GONZÁLEZ RODELAS
- 2018 Articulo: El nuevo reparto de diputados en el Parlamento Europeo: aceptable pero mejorable, Análisis del Real Instituto Elcano, , ARI 41/2018, -
ANTONIO PALOMARES BAUTISTA
JOSÉ MARTÍNEZ AROZA
VICTORIANO RAMÍREZ GONZÁLEZ
- 2018 Articulo: El nuevo reparto de diputados en el Parlamento Europeo: aceptable pero mejorable, Análisis del Real Instituto Elcano, , ARI 41/2018, -
ANTONIO PALOMARES BAUTISTA
JOSÉ MARTÍNEZ AROZA
VICTORIANO RAMÍREZ GONZÁLEZ
- 2018 Articulo: Husimi function and phase-space analysis of bilayer quantum Hall systems at ¿ = 2/¿, Journal of Statistical Mechanics: Theory and Experiment, 18, 053112, 1-26
MANUEL CALIXTO MOLINA
- 2018 Articulo: The Frobenius number for sequences of triangular and tetrahedral numbers, Journal of Number Theory, 186, , 473-492
AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Articulo en prensa: A model towards global demographics: an application-a universal bank branch geolocator based on branch size, Soft Computing, , , -
JULIA GARCÍA CABELLO
- 2018 Articulo: A model towards global demographics: an application¿a universal bank branch geolocator based on branch size, Soft Computing, in press, in press, in press-in press
JULIA GARCÍA CABELLO
- 2018 Articulo: Trivariate near-best blending spline quasi-interpolation operators, Numerical Algorithms, 78, 1, 217-241
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
- 2018 Articulo: Contact Hamiltonian dynamics: Variational principles, invariants, completeness and periodic behaviorContact Hamiltonian dynamics: Variational principles, invariants, completeness and periodic behavior, Annals of Physics, 395, , 26-44
PEDRO JOSÉ TORRES VILLARROYA
- 2018 Articulo: Effects of diffusion on total biomass in simple metacommunities, Journal of Theoretical Biology, 447, , 12-24
PEDRO JOSÉ TORRES VILLARROYA
- 2018 Articulo: Vortex stability under the influence of an external periodic flow, Nonlinearity, 31, , 1849-
PEDRO JOSÉ TORRES VILLARROYA

RAFAEL ORTEGA RÍOS
- 2018 Articulo: Global bifurcation of solutions of the mean curvature spacelike equation in certain Friedmann-Lemaître-Robertson-Walker spacetimes, Journal of Differential Equations, 264, 12, 7242-7269
PEDRO JOSÉ TORRES VILLARROYA
- 2018 Articulo: Multiclass classification for skin cancer profiling based on the integration of heterogeneous gene expression series, PloS One, 13, 5, e0196836-
OLGA VALENZUELA CANSINO
- 2018 Articulo: On a transport problem and monoids of non-negative integers, Aequationes Mathematicae, 92, 4, 661-670
AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Articulo: A combinatorial problem and numerical semigroups, Ars Mathematica Contemporanea, 15, 2, 323-336
AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Articulo en prensa: A spline quasi-interpolation based method to obtain the reset voltage in Resistive RAMs in the charge-flux domain, Journal of Computational and Applied Mathematics, , , -
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
- 2018 Articulo en prensa: Point and differential C1 quasi-interpolation on three direction meshes, Journal of Computational and Applied Mathematics, , , -
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
- 2018 Articulo en prensa: Non-uniform quasi-interpolation for solving Hammerstein integral equations, International Journal of Computer Mathematics, , , -
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
- 2018 Articulo: Stability results, generalized Beltrami fields and applications to vortex structures in the Euler equations, Communications in Mathematical Physics, 360, 1, 197-269
JESÚS DAVID POYATO SÁNCHEZ
JUAN SOLER
- 2018 Articulo: Information measures and topological-band insulator transitions in 2D-Dirac materials under external circularly polarized lasers, and static electric and magnetic fields, Physica A: Statistical Mechanics and its Applications, 511, , 174-181
MANUEL CALIXTO MOLINA
- 2018 Articulo: Long-time asymptotics for polymerization models, Communications in Mathematical Physics, 363, , 111-137
JUAN CALVO YAGÜE
- 2018 Articulo: On sonic hedgehog morphogenic action and finite propagation speed models, SEMA Journal, 75, 2, 173-195
JUAN CALVO YAGÜE
- 2018 Articulo: Adiós al lenguaje, bienvenido el lenguaje: una aproximación al pensamiento matemático en el cine de Jean-Luc Godard, Área Abierta. Revista de Comunicación Audiovisual y Publicitaria, 18, 3, 421-440
JOSÉ LUIS LÓPEZ FERNÁNDEZ
- 2018 Articulo: Cross-diffusion and travelog waves in porous-media flux-saturated Keller-Segel models, Mathematical Models and Methods in Applied Sciences, 28, 11, 2103-2129
JUAN CAMPOS RODRÍGUEZ
JUAN SOLER
MARGARITA ARIAS LÓPEZ
- 2018 Articulo en prensa: A minimax approach for the study of systems of variational equations and related Galerkin schemes, Journal of Computational and Applied Mathematics, , , -
ANA ISABEL GARRALDA GUILLEM
MANUEL RUIZ GALÁN
- 2018 Articulo en prensa: ¿Hablan las células el lenguaje de las matemáticas?, El País, 30 AGO 2018, 30 AGO 2018, 1-2
JUAN SOLER
- 2018 Articulo: Numerical solving of several types of two-dimensional integral equations and estimation of error bound, Mathematical Methods in the Applied Sciences, 41, 17, 7351-7366
DOMINGO GÁMEZ DOMINGO
MARIA ISABEL BERENGUER MALDONADO
- 2018 Articulo: Ciencias puras, puras letras, Quimera, , 415-416, 73-75
JOSÉ LUIS LÓPEZ FERNÁNDEZ
- 2018 Articulo: Improved energy methods for nonlocal diffusion problems, Discrete and Continuous

Dynamical Systems. Series A, 38, 3, 1404-1425
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Articulo: Fourth order partial differential equations for Krall-type orthogonal polynomials on the triangle, Proceedings of the American Mathematical Society, 146, 1, 3961-3974
ANTONIA MARÍA DELGADO AMARO
LIDIA FERNÁNDEZ RODRÍGUEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Articulo: On bivariate classical orthogonal polynomials, Applied Mathematics and Computation, 325, 1, 340-357
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Articulo: Frobenius restricted varieties in numerical semigroups, Semigroup Forum, 97, 3, 478-492
AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Articulo: The spectrum of reversible minimizers, Regular and Chaotic Dynamics, 23, 3, 248-256
ANTONIO JESÚS UREÑA ALCÁZAR
- 2018 Articulo: Analysis and numerical solver for excitatory-inhibitory networks with delay and refractory periods, ESAIM: Mathematical Modelling and Numerical Analysis, 52, 5, 1733-1761
MARÍA JOSÉ CÁCERES GRANADOS
- 2018 Articulo en prensa: Approximation of fuzzy functions by fuzzy interpolating bicubic splines, Journal of Mathematical Chemistry, , , -
MIGUEL PASADAS FERNANDEZ
PEDRO GONZÁLEZ RODELAS
- 2018 Articulo en prensa: 3D fuzzy data approximation by fuzzy smoothing bicubic splines, Mathematics and Computers in Simulation, , , -
MIGUEL PASADAS FERNANDEZ
PEDRO GONZÁLEZ RODELAS
- 2018 Articulo: On external fields created by fixed charges, Journal of Mathematical Analysis and Applications, 464, , 119-151
JOAQUÍN SÁNCHEZ LARA
- 2018 Articulo en prensa: Estimation of the reset voltage in Resistive RAMs using the Charge-Flux domain and a numerical method based on quasi-interpolation and discrete orthogonal polynomials, Mathematics and Computers in Simulation, , , -
MARÍA JOSÉ IBÁÑEZ PÉREZ
RAFAEL JOSÉ YÁÑEZ GARCÍA
- 2018 Articulo: Multi-Objective Genetic Algorithms to Find Most Relevant Volumes of the Brain Related to Alzheimer's Disease and Mild Cognitive Impairment, International Journal of Neural Systems, 28, 9, -
OLGA VALENZUELA CANSINO
- 2018 Articulo: Mathematics Becomes Painting Creations, The turkish online journal of educational technology, Special Issue for INTE-ITICAM-IDEC, 2, 91-99
MARIA VICTORIA FERNÁNDEZ MUÑOZ
- 2018 Articulo: Klotho and Aminopeptidases as Early Biomarkers of Renal Injury in Zucker Obese Rats., Frontiers in Physiology, 9, , -
ANTONIO LOPEZ CARMONA
- 2018 Articulo: On the rate of convergence to equilibrium for the linear Boltzmann equation with soft potentials, Journal of Mathematical Analysis and Applications, 462, 1, 801-839
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Articulo: Discrete minimisers are close to continuum minimisers for the interaction energy, Calculus of Variations and Partial Differential Equations, 57, 24, -
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Articulo: Uniform moment propagation for the Becker-Döring equation, Proceedings of the Royal Society of Edinburgh Section A: Mathematics, , , -
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Articulo: Exponential equilibration of genetic circuits using entropy methods, Journal of Mathematical Biology, , , -
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Articulo: Regularity of weak solutions for the relativistic Vlasov¿Maxwell system., Journal of Hyperbolic Differential Equations, 15, 4, 693-719
PHILIPPE BECHOUCHE

Libros (con ISBN)

- 2018 Time Series Analysis and Forecasting. Selected Contributions from ITISE 2017: Springer Nature Switzerland AG, Switzerland, 2018, 978-3-319-96943-5
OLGA VALENZUELA CANSINO

Capítulos de libros (con ISBN)

- 2018 Titulo Capítulo: Sobolev orthogonal polynomials on the unit ball, Titulo Libro: 7EIBPOA: Universidad Carlos III de Madrid, Leganés, Madrid, 2018,
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Titulo Capítulo: Centrally symmetric Sobolev inner products on the unit ball, Titulo Libro: IX Jaen Conference on Approximation Theory: Universidad de Jaén, España, , 2018,
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Titulo Capítulo: A Universal Decision Making Model for Restructuring Networks Based on Markov Random Fields, Titulo Libro: Lecture Notes in Artificial Intelligence 2018: Springer, , 2018,
JULIA GARCÍA CABELLO
- 2018 Titulo Capítulo: Importancia de las universidades en materia de cooperación al desarrollo y en el impulso del voluntariado, Titulo Libro: Régimen Jurídico del voluntariado y de la cooperación al desarrollo: Comares, S.L., Granada, 2018, 978-84-9045-378-0
DOMINGO BARRERA ROSILLO

Contribuciones en congresos

- 2019 Sesión no plenaria en Congreso: Improved energy methods for nonlocal diffusion problems, Congreso Bienal de la Real Sociedad Matemática Española 2019, 04/02/2019, Santander, Congreso
JOSÉ ALFREDO CAÑIZO RINCÓN
- 2018 Poster en Congreso: Sobolev orthogonal polynomials on the unit ball, VII Encuentro Iberoamericano de Polinomios Ortogonales y sus Aplicaciones, 03/07/2018, Leganés, Madrid, Congreso
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Ponencia en Congreso: Centrally symmetric Sobolev inner products on the unit ball, IX Jaen Conference on Approximation Theory, 08/07/2018, Úbeda (Jaén), España, Congreso
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
MIGUEL ÁNGEL PIÑAR GONZÁLEZ
- 2018 Comunicación en congreso: Approximation of Generalized Offset Surfaces by Bicubic Splines, International Conference on Computational and Mathematical Methods in Science and Engineering 2018, 09/07/2018, Rota, Cádiz, Spain, Congreso
MIGUEL PASADAS FERNANDEZ
ABDELOUAHED KOUIBIA KRICHI
- 2018 Comunicación en congreso: Filling holes of Generalized Offset Surfaces by Biquadratic Splines, Fifteenth International Conference Zaragoza-Pau on Mathematics and its Applications 2018, 10/09/2018, Jaca, Huesca, Spain, Congreso
MIGUEL PASADAS FERNANDEZ
- 2018 Comunicación en congreso: Filling holes using a mesh of filled curves, Fifteenth International Conference Zaragoza-Pau on Mathematics and its Applications 2018, 10/09/2018, Jaca, Huesca, Spain, Congreso
MIGUEL LUIS RODRÍGUEZ GONZÁLEZ
MIGUEL ÁNGEL FORTES ESCALONA
PEDRO GONZÁLEZ RODELAS
ANTONIO PALOMARES BAUTISTA
- 2018 Conferencia Congreso no publicada: The Frobenius number for sequences of binomial coefficients, INdAM meeting: International meeting on numerical semigroups - Cortona 2018, 03/09/2018, CORTONA (ITALIA), Congreso
AURELIANO MATÍAS ROBLES PÉREZ
- 2018 Ponencia en Congreso: DETERMINATION OF OPTIMAL OPERATIVE CONDITIONS FOR TORREFACTION OF OLIVE WASTE BIOMASS, 4º CONGRESO IBEROAMERICANO SOBRE BIORREFINERIAS, 24/10/2018, JAEN ESPAÑA, Congreso
MIGUEL LUIS RODRÍGUEZ GONZÁLEZ
- 2018 Comunicación en congreso: Spline quasi-interpolation as a tool for resistive RAM reset voltage determination, Società Italiana di Matematica Applicata e Industriale, 02/07/2018, - Roma, Italia, Congreso
MARÍA JOSÉ IBÁÑEZ PÉREZ
DOMINGO BARRERA ROSILLO
- 2018 Ponencia en Jornada: El mundo de la investigación tras la finalización de los estudios de matemáticas, I Jornadas sobre Salidas Profesionales para el Grado en Matemáticas (Orientamat), 02/03/2018, Granada, Jornada
JESÚS DAVID POYATO SÁNCHEZ

- 2018 Ponencia de Seminario: El modelo de Kuramoto con pesos singulares: sincronización, clustering y modelos macroscópicos, Seminario de Ecuaciones Diferenciales, 20/04/2018, Granada, Seminario
JESÚS DAVID POYATO SÁNCHEZ
- 2018 Ponencia en Congreso: Modeling the transport of morphogens along moving cytonemes, International PhD School in Modeling Nature, 17/09/2018, Facultad de Ciencias, Granada, Congreso
JESÚS DAVID POYATO SÁNCHEZ
- 2018 Ponencia en Congreso: Filippov trajectories and measure-valued solutions in the Kuramoto model with Hebbian singular couplings, Young Researchers Workshop: Kinetic descriptions in theory and applications, 22/10/2018, Center for Scientific Computation and Mathematical Modeling (CSCAMM), Congreso
JESÚS DAVID POYATO SÁNCHEZ
- 2018 Ponencia de Seminario: The Kuramoto model with singular couplings, Analysis seminar, 15/11/2018, Filadelfia, Seminario
JESÚS DAVID POYATO SÁNCHEZ
- 2018 Conferencia Congreso no publicada: Approximated solution of some integro-differential equations by means of Schauder bases, International Conference of Numerical Analysis and Applied Mathematics 2018, 13/09/2018, ISLA DE RODAS (GRECIA), Congreso
MARIA VICTORIA FERNÁNDEZ MUÑOZ
- 2018 Conferencias impartidas en Seminario: APPROXIMATED SOLUTION OF INTEGRAL AND INTEGRO-DIFFERENTIAL EQUATIONS OF THE FREDHOLM TYPE, APPROXIMATED SOLUTION OF INTEGRAL AND INTEGRO-DIFFERENTIAL EQUATIONS OF THE FREDHOLM TYPE, 05/02/2018, Politecnico di Milano (Milan, Italy), Seminario
MARIA VICTORIA FERNÁNDEZ MUÑOZ
- 2018 Comunicación en congreso: singular traveling waves and non-linear reaction-diffusion equations, New trends in Mathematical Biology, 04/06/2018, Bellaterra, . BARCELONA, Congreso
JUAN CALVO YAGÜE
- 2018 Comunicación en congreso: Estimating compartment size for stochastic and hybrid simulations of structured populations, Mathematical perspectives in the biology and therapeutics of cancer, 09/07/2018, - Marsella, Francia, Congreso
JUAN CALVO YAGÜE
- 2018 Comunicación en congreso: Long time behavior for some continuous polymerization models, 11th European conference on mathematical and theoretical biology (ECMTB 2018), 23/07/2018, , , - Lisboa, Portugal, Congreso
JUAN CALVO YAGÜE
- 2018 Sesión no plenaria en Congreso: structured population models: stchastic and hybrid simulation procedures, 7th Iberian Mathematical Meeting, 12/10/2018, EVORA - PORTUGAL, Congreso
JUAN CALVO YAGÜE
- 2018 Poster en Congreso: Directed and Inverse Perturbed Mixed Variational Problems, International Conference on Computational and Mathematical Methods in Science and Engineering 2018, 09/07/2018, Rota, Cádiz, Spain, Congreso
ANA ISABEL GARRALDA GUILLEM
MANUEL RUIZ GALÁN
- 2018 Poster en Congreso: Minimax theorems with boundedness and applications, XVIII International Conference on Computational and Mathematical Methods in Science and Engineering, 09/07/2018, Costa Ballena, Rota (Cádiz), Congreso
MANUEL RUIZ GALÁN
- 2018 Comunicación en congreso: Equilibrium and quadratic programming, XXXVII Congreso Nacional de Estadística e Investigación Operativa, 29/05/2018, Oviedo, Congreso
MANUEL RUIZ GALÁN
- 2018 Comunicación en congreso: Numerical iteration method for nonlinear partial Volterra integro¿di¿erential equations, 18th International Conference on Computational and Mathematical Methods in Science and Engineering, 09/07/2018, Rota, Cádiz (Spain), Congreso
DOMINGO GÁMEZ DOMINGO
MARIA ISABEL BERENGUER MALDONADO
- 2018 Comunicación en congreso: Minimax Inequalities under Weak Convexity Hypotheses, 18th International Conference on Computational and Mathematical Methods in Science and Engineering, 09/07/2018, Rota, Cádiz (Spain), Congreso
DOMINGO GÁMEZ DOMINGO
MARIA ISABEL BERENGUER MALDONADO
ANA ISABEL GARRALDA GUILLEM
MANUEL RUIZ GALÁN
- 2018 Ponencia en Taller de trabajo: Structured population models and tumor growth: stochastic and hybrid simulation procedures, mathematical challenges in the analysis of continuum models for

cancer growth, evolution and therapy, 25/11/2018, Oaxaca, Méjico, Taller de trabajo
JUAN CALVO YAGÜE
- 2018 Ponencia en Congreso: Challenges in mechanotransduction models to understand and control ultrasonic mechanical waves for cancer therapy, International PhD School in Modeling Nature, 17/09/2018, Facultad de Ciencias, Granada, Congreso
JUAN SOLER
- 2018 Ponencia en Curso: Long time behavior for some polymerization models, MNat 2018, International PhD school on modeling Nature, 17/09/2018, . FACULTAD DE CIENCIAS UNIVERSIDAD DE GRANADA, Curso
JUAN CALVO YAGÜE
- 2018 Conferencias impartidas en Seminario: Non uniform rotating solutions in the Euler equations, ACSIOM seminar, 06/11/2018, Université de Montpellier, Seminario
CLAUDIA GARCÍA LÓPEZ
- 2018 Conferencias impartidas en Seminario: Non uniform rotating solutions for the two-dimensional Euler equations, Landau seminar, 19/11/2018, Rennes, Seminario
CLAUDIA GARCÍA LÓPEZ
- 2018 Ponencia en Congreso: Computational Annotation of Genetic Biomarkers using Topologically Associating Domains, 15th International Conference on Computational Intelligence methods for Bioinformatics and Biostatistics, 06/09/2018, CAPARICA - LISBOA - PORTUGAL, Congreso
MICHELA VERBENI
- 2018 Poster en Jornada: TADdistR: a Tool for Annotation of Genetic Signatures Based on Topologically Associating Domains, XIV Symposium on Bioinformatics, 14/11/2018, Granada, Congreso
MICHELA VERBENI
- 2018 Conferencias impartidas en Seminario: Redes de Toda, Pares de Lax y Polinomios Ortogonales Bivariados, Seminario de Ecuacions Diferenciais e Analise Funcional, 22/11/2018, . SANTIAGO DE COMPOSTELA, Seminario
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Conferencias impartidas en Otras Actividades Divulgativas: Sólo para sus ojos. OO7: Ortogonalidad, Óptica y 7 cosas más, A Pint of Science, 14/05/2018, Bar Damasqueros, Otra actividad de divulgación
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Conferencias impartidas en Seminario: Clásicos Ortogonales, Seminario de Ecuaciones Diferenciales, 06/04/2018, Instituto de Matemáticas - IEMath-GR, Seminario
TERESA ENCARNACIÓN PÉREZ FERNÁNDEZ
- 2018 Comunicación en congreso: The spectrum of reversible minimizers, HAMSYS2018, 03/09/2018, Cerdanyola del Vallès (Barcelona), Congreso
ANTONIO JESÚS UREÑA ALCÁZAR
- 2018 Comunicación en congreso: Dos Días sobre Polinomios Ortogonales, Dos Días sobre Polinomios Ortogonales, 03/12/2018, Universidad de Granada, Congreso
JOAQUÍN SÁNCHEZ LARA
- 2018 Comunicación en congreso: Multidimensional discrete PDE splines using radial basis functions, Fifteenth International Conference Zaragoza-Pau on Mathematics and its Applications, 10/09/2018, Jaca, Zaragoza, España, Congreso
MIGUEL LUIS RODRÍGUEZ GONZÁLEZ