Matemática Aplicada

Áreas de conocimiento: Matemática Aplicada
Director: Miguel Ángel Piñar González
Secretaria: Julia García Cabello
Página web: https://mateapli.ugr.es
Profesorado: CU: 11, PTU: 32, PTEU: 1, PDI Contratado y Otros: 7.

Tesis leídas

- Evolutionary Computation Of Optimal Knot Allocation In Smoothing Methods By Multivariate Splines And Radial Function Basis Spaces
Doctorando: Idais, Hasan M H
Director: González Rodelas, Pedro y Pasadas Fernández, Miguel
Fecha de lectura: 11/07/2019
- Fuzzy Data Approximation Using Smoothing Methods By Multivariate Splines And Radial Function Basis Spaces. Similarity And Error Analysis
Doctorando: BoriniYasin, Mohammed J M
Director: González Rodelas, Pedro y Pasadas Fernández, Miguel
Fecha de lectura: 11/07/2019
- Asymptotic Behaviour of Some Nonlocal Equations in Mathematical Biology and Kinetic Theory
Doctorando: Yoldaş, Havva
Director: Cañizo Rincón, José Alfredo
Fecha de lectura: 11/10/2019

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

Publicaciones en revistas

- 2019 Articulo: A model towards global demographics: an application ¿a universal bank branch geolocator based on branch size, Soft Computing, 23, 16, 7193-7205
JULIA GARCÍA CABELLO
- 2019 Articulo: 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, 354, , 326-333
DOMINGO BARRERA ROSILLO
MARÍA JOSÉ IBÁÑEZ PÉREZ
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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, -
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
- 2019 Articulo: 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, 164, , 120-130
MARÍA JOSÉ IBÁÑEZ PÉREZ
RAFAEL JOSÉ YÁÑEZ GARCÍA
- 2019 Articulo: 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

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