

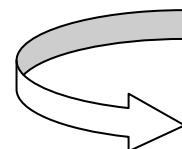
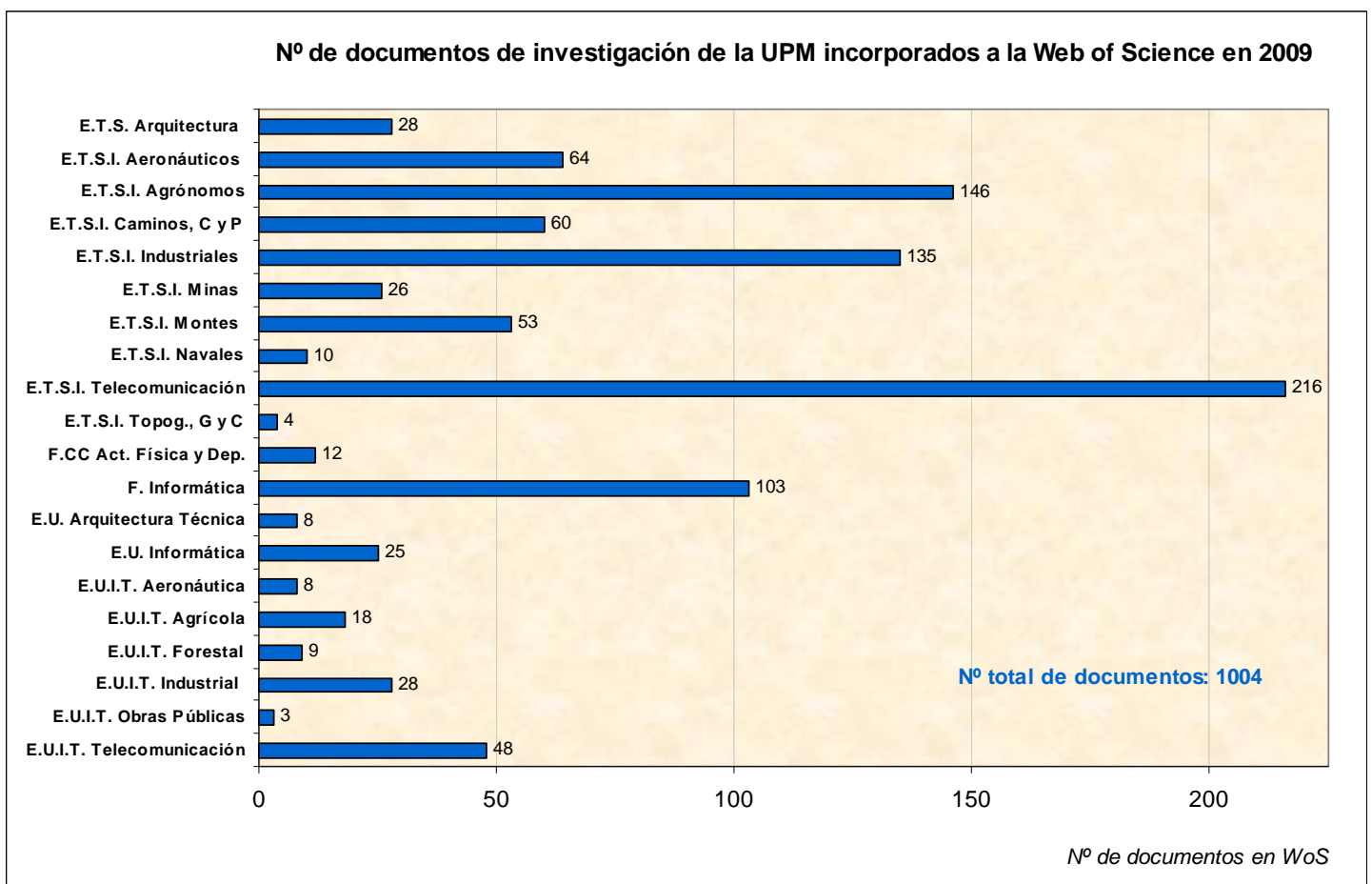
¿Qué es la Web of Science?

Base de datos de referencias bibliográficas de artículos de revistas, que ofrece el acceso a información actual y retrospectiva de resúmenes de autor e índices de citas de casi 10.000 publicaciones internacionales en los campos de las ciencias, ciencias sociales, artes y humanidades.

La [Web of Science](#) forma parte de la *Web of Knowledge (WoK)*, plataforma que integra junto a sus bases de datos fuentes adicionales de contenido con recursos Web.

[Acceso a la Web of Science](#)

Artículos de la UPM incorporados a la Web of Science



Listado de artículos de investigadores de la UPM incorporados a la Web of Science en el mes de julio

5^a semana

ETSI Aeronáuticos

[Numerical integration of nonlinear boundary value problems arising in nucleation theory](#)

Grana, JC; Parra, IE

MATHEMATICAL MODELS IN ENGINEERING, BIOLOGY AND MEDICINE
1124: 175-184 2009

ETSI Agrónomos

[Cryopreservation of embryogenic cell suspensions of the Spanish grapevine cultivars 'Albarino' and 'Tempranillo'](#)

Gonzalez-Benito, ME; Martin, C; Vidal, JR

VITIS 48 (3): 131-136 2009

[Wheat starch digestion rate affects broiler performance](#)

del Alamo, AG; Verstegen, MWA; Den Hartog, LA; de Ayala, PP; Villamide, MJ

POULTRY SCIENCE 88 (8): 1666-1675 AUG 1 2009

[METHODOLOGY FOR FAST CALCULATION OF AGRICULTURAL TRACTORS TIRES' DIMENSIONS](#)

Marques, L

ENGENHARIA AGRICOLA 28 (3): 590-603 JUL-SEP 2008

[Soil carbon sequestration and stratification in a cereal/leguminous crop rotation with three tillage systems in semiarid conditions](#)

Hernanz, JL; Sanchez-Giron, V; Navarrete, L

AGRICULTURE ECOSYSTEMS & ENVIRONMENT 133 (1-2): 114-122 SEP 2009

[Cryopreservation and genetic stability of *Dendranthema grandiflora* Tzvelev in vitro cultures](#)

Martin, C; Gonzalez-Benito, ME

AGRICULTURAL AND FOOD SCIENCE 18 (2): 129-135 Sp. Iss. SI 2009

ETSI Caminos, Canales y Puertos

[Mechanical Behavior of Silk During the Evolution of Orb-Web Spinning Spiders](#)

Elices, M; Plaza, GR; Arnedo, MA; Perez-Rigueiro, J; Torres, FG; Guinea, GV

BIOMACROMOLECULES 10 (7): 1904-1910 JUL 2009

[An assessment of the skid resistance effect on traffic safety under wet-pavement conditions](#)

Mayora, JMP; Pina, RJ

ACCIDENT ANALYSIS AND PREVENTION 41 (4): 881-886 JUL 2009

ETSI Industriales

[Hydraulics and heat transfer in the IFMIF liquid lithium target: CFD calculations](#)

Pena, A; Esteban, GA; Sancho, J; Kolesnik, V; Abanades, A

FUSION ENGINEERING AND DESIGN 84 (7-11): 1479-1483 JUN 2009

[Proposal of an improved design of IFMIF Test Cell components for enhanced handling and reliability](#)

Queral, V; Garcia, A; Micciche, G; Ibarra, A; Casal, N; Mota, F; Rapisarda, D

FUSION ENGINEERING AND DESIGN 84 (7-11): 1548-1552 JUN 2009

[Feasibility of fission chambers as a neutron diagnostic in the IFMIF-Test Cell](#)

Rapisarda, D; Garcia, A; Cabellos, O; Mota, F; Gomez-Ros, JM; Ibarra, A; Casal, N; Queral, V; Sanz, J

FUSION ENGINEERING AND DESIGN 84 (7-11): 1570-1574 JUN 2009

ETSI Minas

[Modelling the Sn and W evolution in peraluminous leucogranites from the Central-Iberian Zone](#)

Fernandez-Leyva, C; Ruiz, C; Gonzalez, L

GEOCHIMICA ET COSMOCHIMICA ACTA 73 (13): A368-A368 Suppl. S JUN 2009

[Cassiterite and wolframite Nb-Ta content in leucogranites, Central-Iberian Zone](#)

Ruiz, C; Fernandez-Leyva, C

GEOCHIMICA ET COSMOCHIMICA ACTA 73 (13): A1132-A1132 Suppl. S JUN 2009

ETSI Montes

[Soil carbon sequestration and stratification in a cereal/leguminous crop rotation with three tillage systems in semiarid conditions](#)

Hernanz, JL; Sanchez-Giron, V; Navarrete, L

AGRICULTURE ECOSYSTEMS & ENVIRONMENT 133 (1-2): 114-122 SEP 2009

ETSI Navales

[Cosmological singularities and modified theories of gravity](#)

Fernandez-Jambrina, L; Lazkoz, R

PHYSICS AND MATHEMATICS OF GRAVITATION 1122: 264-267 2009

ETSI Telecomunicación

[Multisensor Out of Sequence Data Fusion for Estimating the State of Discrete Control Systems](#)

Besada-Portas, E; Lopez-Orozco, JA; Besada, JA; de la Cruz, JM

IEEE TRANSACTIONS ON AUTOMATIC CONTROL 54 (7): 1728-1732 JUL 2009

[Comparison of Antenna Measurement Facilities With the DTU-ESA 12 GHz Validation Standard Antenna Within the EU Antenna Centre of Excellence](#)

Pivnenko, S; Pallesen, JE; Breinbjerg, O; Castaner, MS; Almena, PC; Portas, CM; Sanmartin, JLB; Romeu, J; Blanch, S; Gonzalez-Arbesu, JM; Sabatier, C; Calderone, A; Portier, G; Eriksson, H; Zackrisson, J

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION 57 (7): 1863-1878 JUL 2009

[Fourier Synthesis of Linear Arrays Based on the Generalized Scattering Matrix and Spherical Modes](#)

Corcoles, J; Gonzalez, MA; Rubio, J

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION 57 (7): 1944-1951 JUL 2009

[Twin Orthogonally Polarized UWB Aperture Antenna Elements With Optimized Profile Feed for Optimal Adaptation](#)

Martinez-Fernandez, J; Gil, JM; Wiesbeck, W

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 8: 517-521 2009

[InN nanocolumns grown by plasma-assisted molecular beam epitaxy on A-plane GaN templates \(vol 94, 221908, 2009\)](#)

Grandal, J; Sanchez-Garcia, MA; Calleja, E; Gallardo, E; Calleja, JM; Luna, E; Trampert, A; Jahn, U

APPLIED PHYSICS LETTERS 95 (2): Art. No. 221908 JUL 13 2009

[The role of electric field-induced strain in the degradation mechanism of AlGaIn/GaN high-electron-mobility transistors \(vol 94, 053501, 2009\)](#)

Rivera, C; Munoz, E

APPLIED PHYSICS LETTERS 95 (2): Art. No. 053501 JUL 13 2009

[Deploying context-aware services: A case study of rapid prototyping](#)

Bernardos, AM; Tarrío, P; Iglesias, J; Casar, JR

2009 6TH IEEE CONSUMER COMMUNICATIONS AND NETWORKING CONFERENCE, VOLS 1 AND 2 : 1407-1411 2009

Facultad de Ciencias de la Actividad Física y del Deporte

[Maternal nutritional history predicts obesity in adult offspring independent of postnatal diet](#)

Davenport, MH; Cabrero, MR

JOURNAL OF PHYSIOLOGY-LONDON 587 (14): 3423-3424 JUL 15 2009

[Osteocalcin, n-telopeptides and beta crosslaps in Spanish adolescents](#)

Gracia-Marco, L; Vicente-Rodriguez, G; Valtuena, J; Rey-Lopez, JP; DiazMartinez, E; Mesana, MI; Widhalm, K; Ruiz, JR; Gonzalez-Gross, M; Castillo, MJ; Moreno, LA

BONE 45: S86-S86 Suppl. 2 JUL 2009

[Bone markers and physical activity in Spanish adolescents](#)

Gracia-Marco, L; Vicente-Rodriguez, G; Valtuena, J; Rey-Lopez, JP; Martinez, ED; Mesana, MI; Widhalm, K; Ruiz, JR; Gonzalez-Gross, M; Sjostrom, M; Castillo, MJ; Moreno, LA

BONE 45: S86-S87 Suppl. 2 JUL 2009

Facultad de Informática

[BENTHIC MICROALGAL COMMUNITIES IN A SPANISH KARSTIC STREAM WITH DIFFERENT SUB-ENVIRONMENTS](#)

Hernandez-Agramonte, I; Caparros, R; Fernandez-Mazuecos, M; Orgaz, D; Estebanez, B; Vassal'lo, J

PHYCOLOGIA 48 (4): 29-30 83 Supl. S JUL 2009

[Feature subset selection from positive and unlabelled examples](#)

Calvo, B; Larranaga, P; Lozano, JA

PATTERN RECOGNITION LETTERS 30 (11): 1027-1036 AUG 1 2009

[Treatment of vague information in Multiobjective Decision Making](#)

Mateos, A; Rios-Insua, S; Jimenez, A

PROCEEDINGS OF THE 1ST IBERIAN CONFERENCE ON INFORMATION SYSTEMS AND TECHNOLOGIES, VOL II : 107-122 2006

[GASP: definition of a platform for development and statistical analysis of Software Projects by PYMES and Enterprises](#)

Amillo, J; Calvo-Manzano, JA; Carrillo, JD; Cuevas, G; Gomez, P; Guadalupe, R; San Feliu, T; Tovar, E

PROCEEDINGS OF THE 1ST IBERIAN CONFERENCE ON INFORMATION SYSTEMS AND TECHNOLOGIES, VOL I : 157-166 2006

EU Informática

[Fast Algorithm for Graph Isomorphism Testing](#)

Lopez-Presa, JL; Anta, AF

EXPERIMENTAL ALGORITHMS, PROCEEDINGS 5526: 221-232 2009

EUIT Agrícola

[Cryopreservation of embryogenic cell suspensions of the Spanish grapevine cultivars 'Albarino' and 'Tempranillo'](#)

Gonzalez-Benito, ME; Martin, C; Vidal, JR

VITIS 48 (3): 131-136 2009

EUIT Industrial

[Experimental boiling heat transfer coefficients in the high temperature generator of a double effect absorption machine for the lithium bromide/water mixture](#)

Marcos, JD; Izquierdo, M; Lizarte, R; Palacios, E; Ferreira, CAI

INTERNATIONAL JOURNAL OF REFRIGERATION-REVUE
INTERNATIONALE DU FROID 32 (4): 627-637 Sp. Iss. SI JUN 2009

EUIT Telecomunicación

[Characterization of Healthy and Pathological Voice Through Measures Based on Nonlinear Dynamics](#)

Henriquez, P; Alonso, JB; Ferrer, MA; Travieso, CM; Godino-Llorente, JI; Diaz-de-Maria, F

IEEE TRANSACTIONS ON AUDIO SPEECH AND LANGUAGE PROCESSING 17
(6): 1186-1195 AUG 2009

[Fast Algorithm for Graph Isomorphism Testing](#)

Lopez-Presa, JL; Anta, AF

EXPERIMENTAL ALGORITHMS, PROCEEDINGS 5526: 221-232 2009

ETS Arquitectura

[The pathological drift of the social space in the neoliberal real-estate model of Madrid](#)

Pena, FR

SCRIPTA NOVA-REVISTA ELECTRONICA DE GEOGRAFIA Y CIENCIAS SOCIALES 12 (270): - Sp. Iss. SI AUG 1 2008

[Summary of intellectual career. From an economic and statistical viewpoint towards natural resources and territory](#)

Naredo, JM

SCRIPTA NOVA-REVISTA ELECTRONICA DE GEOGRAFIA Y CIENCIAS SOCIALES 12 (270): - Sp. Iss. SI AUG 1 2008

[Comparison of neutron and gamma irradiation effects on KU1 fused silica monitored by electron paramagnetic resonance](#)

Bravo, D; Lagomacini, JC; Leon, M; Martin, P; Martin, A; Lopez, FJ; Ibarra, A

FUSION ENGINEERING AND DESIGN 84 (2-6): 514-517 JUN 2009

ETSI Aeronáuticos

[Linear instability analysis of low-pressure turbine flows](#)

Abdessemed, N; Sherwin, SJ; Theofilis, V

JOURNAL OF FLUID MECHANICS 628: 57-83 JUN 10 2009

ETSI Agrónomos

[Bradford-reactive soil proteins and aggregate stability under abandoned versus tilled olive groves in a semi-arid calcisol](#)

Hontoria, C; Velasquez, R; Benito, M; Almorox, J; Moliner, A

SOIL BIOLOGY & BIOCHEMISTRY 41 (7): 1583-1585 JUL 2009

[Seasonal analysis of the thermal behaviour of traditional underground wine cellars in Spain](#)

Mazarron, FR; Canas, I

RENEWABLE ENERGY 34 (11): 2484-2492 NOV 2009

ETSI Caminos, Canales y Puertos

[Brittle failures from U- and V-notches in mode I and mixed, I plus II, mode: a synthesis based on the strain energy density averaged on finite-size volumes](#)

Lazzarin, P; Berto, F; Elices, M; Gomez, J

FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES 32 (8): 671-684 AUG 2009

ETSI Industriales

[A New Preconditioner for Toeplitz Matrices](#)

Dominguez-Jimenez, ME; Ferreira, PJS

IEEE SIGNAL PROCESSING LETTERS 16 (9): 758-761 SEP 2009

[Design of a beam dump for the IFMIF-EVEDA accelerator](#)

Branas, B; Iglesias, D; Arranz, F; Barrera, G; Casal, N; Garcia, M; Gomez, J; Lopez, D; Martinez, JI; Martin-Fuertes, F; Ogando, F; Oliver, C; Sanz, J; Sauvan, P; Ibarra, A

FUSION ENGINEERING AND DESIGN 84 (2-6): 509-513 JUN 2009

[Tritium permeation experiment at IFMIF Medium Flux Test Module](#)

Casal, N; Garcia, A; Ibarra, A; Sordo, F; Rapisarda, D; Queral, V; Mota, F

FUSION ENGINEERING AND DESIGN 84 (2-6): 559-564 JUN 2009

[Application of Synchrotron Radiation Techniques for Model Validation of Advanced Structural Materials](#)

Froideval, A; Samaras, M; Iglesias, R; Pouchon, MA; Chen, JC; Grolimund, D; Raabe, J; Schuppler, S; Victoria, M; Hoffelner, W

ADVANCED ENGINEERING MATERIALS 11 (6): 459-463 Sp. Iss. SI JUN 2009

ETSI Montes

[Seasonal Variation of Essential Oil Yield and Composition of Thyme \(Thymus vulgaris L.\) Grown in Castilla - La Mancha \(Central Spain\)](#)

Arraiza, MR; Andres, MR; Arrabal, C; Lopez, JV

JOURNAL OF ESSENTIAL OIL RESEARCH 21 (4): 360-362 JUL-AUG 2009

[Habitat characteristics and seed crops used by Blue Chaffinches Fringilla teydea in winter: implications for conservation management](#)

Garcia-Del-Rey, E; Gil, L; Nanos, N; Lopez-De-Heredia, U; Munoz, PG; Fernandez-Palacios, JM

BIRD STUDY 56: 168-176 Part 2 JUL 2009

ETSI Telecomunicación

[Ontology-Based Network Management: Study Cases and Lessons Learned](#)

de Vergara, JEL; Guerrero, A; Villagra, VA; Berrocal, J

JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT 17 (3): 234-254 SEP 2009

[Social Odometry: Imitation Based Odometry in Collective Robotics](#)

Gutierrez, A; Campo, A; Santos, FC; Monasterio-Huelin, F; Dorigo, M

INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS 6 (2): 129-136 JUN 2009

[Random optical codes used in optical networks](#)

Martin-Gonzalez, JA; Poves, E; Lopez-Hernandez, FJ

IET COMMUNICATIONS 3 (8): 1392-1401 AUG 2009

[High-Power Tunnel-Injection 1060-nm InGaAs\(Al\)GaAs Quantum-Dot Lasers](#)

Pavelescu, EM; Gilfert, C; Reithmaier, JP; Martin-Minguez, A; Esquivias, I

IEEE PHOTONICS TECHNOLOGY LETTERS 21 (14): 999-1001 JUL 15 2009

[Assessment of Severe Apnoea through Voice Analysis, Automatic Speech, and Speaker Recognition Techniques](#)

Pozo, RF; Murillo, JLB; Gomez, LH; Gonzalo, EL; Ramirez, JA; Toledano, DT

EURASIP JOURNAL ON ADVANCES IN SIGNAL PROCESSING : Art. No. 982531 2009

[Modelling line-of-sight coupled MIMO systems with generalised scattering matrices and spherical wave translations](#)

Corcoles, J; Pontes, J; Gonzalez, MA; Zwick, T

ELECTRONICS LETTERS 45 (12): 598-U6 JUN 4 2009

[Noether conserved quantities and Lie point symmetries of difference Lagrange-Maxwell equations and lattices](#)

Fu, JL; Nie, NM; Huang, JF; Salvador, J; Tang, YF; Luis, V; Zhao, WJ

CHINESE PHYSICS B 18 (7): 2634-2641 JUL 2009

Facultad de Informática

[Measures of Self-Contradiction on Atanassov's Intuitionistic Fuzzy Sets: An Axiomatic Model](#)

Castineira, EE; Cubillo, S

INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS 24 (8): 863-888 AUG 2009

[A GP Formulation for Aggregating Preferences with Interval Assessments](#)

Dopazo, E; Ruiz-Tagle, M

MULTIOBJECTIVE PROGRAMMING AND GOAL PROGRAMMING:
THEORETICAL RESULTS AND PRACTICAL APPLICATIONS 618: 47-54 2009

[QUALITY POLICIES CONFORMED WITH ABET IN A SPANISH ENGINEERING SCHOOL](#)

Tovar, E

CSEDU 2009: PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON COMPUTER SUPPORTED EDUCATION, VOL II : IS21-IS28 2009

[QUALITY POLICIES CONFORMED WITH ABET IN A SPANISH ENGINEERING SCHOOL](#)

Tovar, E

CSEDU 2009: PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON COMPUTER SUPPORTED EDUCATION, VOL I : IS21-IS28 2009

[c&d-LEARNING IMPLEMENTATION ARCHITECTURE Adapting e-Learning to Developing Countries](#)

Martinez-Mateo, J; Munoz-Hernandez, S; Perez-Rey, D

CSEDU 2009: PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON COMPUTER SUPPORTED EDUCATION, VOL I : 89-96 2009

[FOCUSING THE DIAGNOSIS FOR STUDENT MODELLING ON AN INSTRUCTIONAL DESIGN](#)

de Antonio, A; Ramirez, J; Clemente, J

CSEDU 2009: PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE
ON COMPUTER SUPPORTED EDUCATION, VOL I : 285-290 2009

EU Informática

[MATHEMATICAL ANALYSIS OF A MODEL OF MORPHOGENESIS](#)

Tello, JI

DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS 25 (1): 343-361 SEP
2009

[Some Findings Concerning Requirements in Agile Methodologies](#)

Rodriguez, P; Yague, A; Alarcon, PP; Garbajosa, J

PRODUCT-FOCUSED SOFTWARE PROCESS IMPROVEMENT, PROCEEDINGS
32: 171-184 2009

EUIT Telecomunicación

[Configuration and supervision of advanced distributed data acquisition and processing systems for long pulse experiments using JINI technology](#)

Gonzalez, J; Ruiz, M; Barrera, E; Lopez, JM; de Arcas, G; Vega, J

FUSION ENGINEERING AND DESIGN 84 (2-6): 832-836 JUN 2009

ETS Arquitectura

[Analysis of failure of add-on armour for vehicle protection against ballistic impact](#)

Galvez, VS; Paradela, LS

ENGINEERING FAILURE ANALYSIS 16 (6): 1837-1845 Sp. Iss. SI SEP 2009

[Design of High-Brightness Tapered Lasers at 1060 nm Based on an Asymmetric Al-free Active Region Structure](#)

Odriozola, H; Tijero, JMG; Esquivias, I; Borrueal, L; Martin-Minguez, A; Michel, N; Calligaro, M; Lecomte, M; Parillaud, O; Krakowski, M

2008 IEEE PHOTONICSGLOBAL@SINGAPORE (IPGC), VOLS 1 AND 2 : 787-790 2008

ETSI Aeronáuticos

[Localized Dispersive States in Nonlinear Coupled Mode Equations for Light Propagation in Fiber Bragg Gratings](#)

Martel, C; Higuera, M; Carrasco, JD

SIAM JOURNAL ON APPLIED DYNAMICAL SYSTEMS 8 (2): 576-591 2009

[Formation of bubbles in viscous fluids contained in cones and cylinders](#)

Ortiz, A; Lopez-Villa, A; Medina, A; Higuera, FJ

REVISTA MEXICANA DE FISICA 55 (3): 166-179 JUN 2009

[Decomposition driven interface evolution for layers of binary mixtures. II. Influence of convective transport on linear stability](#)

Madruga, S; Thiele, U

PHYSICS OF FLUIDS 21 (6): Art. No. 062104 JUN 2009

[Langevin simulation of rf collisional multipactor breakdown of gases](#)

Conde, L; Perez, F; de Lara, J; Alfonseca, M; Raboso, D

PHYSICAL REVIEW E 79 (6): Art. No. 066403 Part 2 JUN 2009

[A method to generate computationally efficient reduced order models](#)

Alonso, D; Velazquez, A; Vega, JM

COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING 198 (33-36): 2683-2691 2009

ETSI Agrónomos

[EFFECT OF BREEDING SYSTEM AND FARM HYGIENE ON PERFORMANCES OF GROWING RABBITS AND LACTATING DOES OVER TWO REPRODUCTIVE CYCLES](#)

Garrido, S; Nicodemus, N; Garcia, J; Chamorro, S; De Blas, JC

WORLD RABBIT SCIENCE 17 (2): 71-78 APR-JUN 2009

[The Multiplicity of Infection of a Plant Virus Varies during Colonization of Its Eukaryotic Host](#)

Gonzalez-Jara, P; Fraile, A; Canto, T; Garcia-Arenal, F

JOURNAL OF VIROLOGY 83 (15): 7487-7494 AUG 1 2009

[Settings for sustainability indicators in mining landscapes: the mining Valley of Laciana \(Leon, Spain\)](#)

Navarro, JG; Martinez, LM; Fuertes, RH; Martinez, AG

INFORMES DE LA CONSTRUCCION 61 (514): 51-70 2009

[Spatial order prevails over memory in boosting cooperation in the iterated prisoner's dilemma](#)

Alonso-Sanz, R

CHAOS 19 (2): Art. No. 023102 JUN 2009

ETSI Caminos, Canales y Puertos

[An algorithm to assess the influence of voters' political culture on voting decisions in Spain](#)

Lopez, MD; Lantaron, S; Rodrigo, J

REVISTA DE ESTUDIOS POLITICOS (144): 195-210 APR-JUN 2009

[Industrialization for housing. Affordable precast concrete housing](#)

Fernandez-Ordonez, D; Gomez, JF

INFORMES DE LA CONSTRUCCION 61 (514): 71-79 2009

[Analysis of failure of add-on armour for vehicle protection against ballistic impact](#)

Galvez, VS; Paradela, LS

ENGINEERING FAILURE ANALYSIS 16 (6): 1837-1845 Sp. Iss. SI SEP 2009

[Behavior of prestressing steels after a simulated fire: Fire-induced damages](#)

Atienza, JM; Elices, M

CONSTRUCTION AND BUILDING MATERIALS 23 (8): 2932-2940 AUG 2009

ETSI Industriales

[GPS-based speed collection method for road traffic noise mapping](#)

Asensio, C; Lopez, JM; Pagan, R; Pavon, I; Ausejo, M

TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT
14 (5): 360-366 JUL 2009

[Selective ablation of photovoltaic materials with UV laser sources for monolithic interconnection of devices based on a-Si:H](#)

Molpeceres, C; Lauzurica, S; Garcia-Ballesteros, JJ; Morales, M; Guadano, G; Ocana, JL; Fernandez, S; Gandia, JJ; Villar, F; Nos, O; Bertomeu, J

MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL
SOLID-STATE MATERIALS 159-60: 18-22 Sp. Iss. SI MAR 15 2009

[Reduced numerical modeling of flows involving liquid-crystalline polymers](#)

Ammar, A; Pruliere, E; Chinesta, F; Laso, M

JOURNAL OF NON-NEWTONIAN FLUID MECHANICS 160 (2-3): 140-156 AUG
2009

[Visual 3-D SLAM from UAVs](#)

Artieda, J; Sebastian, JM; Campoy, P; Correa, JF; Mondragon, IF; Martinez, C;
Olivares, M

JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS 55 (4-5): 299-321 AUG
2009

[SAE Formula Project for Developing Personal and Professional Skills in Automotive Engineers](#)

Sanchez, FJ; Aparicio, F; Alvarez, MA; Jimenez, F

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION 25 (3): 585-594
2009

[Constructive process of Rockodromo Arena of Madrid, Spain](#)

Alvarez, MA; Cordoba, FJ; Pelluz, FJ; Diaz, E; Sanchez, M; Barbero, JM

INFORMES DE LA CONSTRUCCION 61 (514): 5-18 2009

[FIRST IFMIF/EVEDA RADIOPROTECTION STUDIES FOR THE PRELIMINARY DESIGN OF THE ACCELERATOR BEAM DUMP](#)

Sanz, J; Garcia, M; Ogando, F; Mayoral, A; Lopez, D; Sauvan, P; Branas, B

FUSION SCIENCE AND TECHNOLOGY 56 (1): 273-280 JUL 2009

[INFLUENCE OF SELF-INTERSTITIAL MOBILITY ON HE-VACANCY CLUSTER NUCLEATION AND GROWTH IN NICKEL](#)

Gamez, B; Gamez, L; Caturla, MJ; Martinez, E; del Rio, E; Perlado, JM

FUSION SCIENCE AND TECHNOLOGY 56 (1): 314-317 JUL 2009

[DEVELOPMENT OF A CRYOGENIC TARGET DELIVERY SYSTEM FOR HiPER](#)

Paul, PJ; Manuel, PJ; Martin, T

FUSION SCIENCE AND TECHNOLOGY 56 (1): 405-408 JUL 2009

[Strut-and-tie modelling of reinforced concrete beams using genetic algorithms optimization](#)

Perera, R; Vique, J

CONSTRUCTION AND BUILDING MATERIALS 23 (8): 2914-2925 AUG 2009

ETSI Montes

[Deep shade alters the acclimation response to moderate water stress in Quercus suber L.](#)

Jimenez, MD; Pardos, M; Puertolas, J; Kleczkowski, LA; Pardos, JA

FORESTRY 82 (3): 285-298 JUL 2009

ETSI Telecomunicación

[Characterization of up-converter layers on bifacial silicon solar cells](#)

Pan, AC; del Canizo, C; Luque, A

MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS 159-60: 212-215 Sp. Iss. SI MAR 15 2009

[Mutual Coupling Compensation in Arrays Using a Spherical Wave Expansion of the Radiated Field](#)

Corcoles, J; Gonzalez, MA; Rubio, J

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 8: 108-111 2009

[Context-aware services for ambient assisted living: A case-study.](#)

Hristova, A; Bernardos, AM; Casar, JR

ISABEL: 2008 FIRST INTERNATIONAL SYMPOSIUM ON APPLIED SCIENCES
IN BIOMEDICAL AND COMMUNICATION TECHNOLOGIES : 149-153 2008

[Design of High-Brightness Tapered Lasers at 1060 nm Based on an Asymmetric Al-free Active Region Structure](#)

Odriozola, H; Tijero, JMG; Esquivias, I; Borrueal, L; Martin-Minguez, A; Michel, N;
Calligaro, M; Lecomte, M; Parillaud, O; Krakowski, M

2008 IEEE PHOTONICSGLOBAL@SINGAPORE (IPGC), VOLS 1 AND 2 : 787-
790 2008

Facultad de Informática

[Singular Continuations of Attractors](#)

Giraldo, A; Sanjurjo, JMR

SIAM JOURNAL ON APPLIED DYNAMICAL SYSTEMS 8 (2): 554-575 2009

[Multi-attribute analysis of trophic state and waterfowl management in Ringkobing Fjord, Denmark](#)

Bryhn, AC; Jimenez, A; Mateos, A; Rios-Insua, S

JOURNAL OF ENVIRONMENTAL MANAGEMENT 90 (8): 2568-2577 JUN 2009

[A Practical Type Analysis for Verification of Modular Prolog Programs](#)

Pietrzak, P; Correas, J; Puebla, G; Hermenegildo, MV

PEPM'08: PROCEEDINGS OF THE 2008 ACM SIGPLAN SYMPOSIUM ON
PARTIAL EVALUATION AND SEMANTICS-BASED PROGRAM
MANIPULATION : 61-70 2008

[New Interactive Tools for Graph Algorithms Active Learning](#)

Sanchez-Torrubia, MG; Torres-Blanc, C; Castellanos, J

ITICSE 2007: 12TH ANNUAL CONFERENCE ON INNOVATION &
TECHNOLOGY IN COMPUTER SCIENCE EDUCATION : 337-337 2007

[Enhancing User-Service Interaction Through a Global User-Centric Approach to SOA](#)

Soriano, J; Lizcano, D; Hierro, JJ; Reyes, M; Schroth, C; Janner, T

FOURTH INTERNATIONAL CONFERENCE ON NETWORKING AND SERVICES (ICNS 2008), PROCEEDINGS : 194-203 2008

EU Informática

[Collaborative filtering adapted to recommender systems of e-learning](#)

Bobadilla, J; Serradilla, F; Hernando, A

KNOWLEDGE-BASED SYSTEMS 22 (4): 261-265 Sp. Iss. SI MAY 2009

EUIT Forestal

[Integration of AWiFS and MODIS active fire data for burn mapping at regional level using the Burned Area Synergic Algorithm \(BASA\)](#)

Gonzalez-Alonso, F; Merino-De-Miguel, S

INTERNATIONAL JOURNAL OF WILDLAND FIRE 18 (4): 404-414 2009

EUIT Industrial

[Rashba spin-orbit coupling in a two-dimensional electron system under quantum Hall regime](#)

Cangas, R; Hidalgo, MA

PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 41 (7): 1306-1309 JUN 2009

[Determination of parameters used to prevent ignition of stored materials and to protect against explosions in food industries](#)

Ramirez, A; Garcia-Torrent, J; Aguado, PJ

JOURNAL OF HAZARDOUS MATERIALS 168 (1): 115-120 AUG 30 2009

EUIT Obras Públicas

[Industrialization for housing. Affordable precast concrete housing](#)

Fernandez-Ordonez, D; Gomez, JF

INFORMES DE LA CONSTRUCCION 61 (514): 71-79 2009

EUIT Telecomunicación

[GPS-based speed collection method for road traffic noise mapping](#)

Asensio, C; Lopez, JM; Pagan, R; Pavon, I; Ausejo, M

TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT
14 (5): 360-366 JUL 2009

[Dual-Frequency Printed Dipole Loaded With Split Ring Resonators](#)

Herraiz-Martinez, FJ; Garcia-Munoz, LE; Gonzalez-Ovejero, D; Gonzalez-Posadas, V;
Segovia-Vargas, D

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 8: 137-140 2009

2ª semana

ETSI Aeronáuticos

[The first-digit frequencies of prime numbers and Riemann zeta zeros](#)

Luque, B; Lacasa, L

PROCEEDINGS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL
AND ENGINEERING SCIENCES 465 (2107): 2197-2216 JUL 8 2009

ETSI Agrónomos

[A Review of Wireless Sensor Technologies and Applications in Agriculture and Food Industry: State of the Art and Current Trends](#)

Ruiz-Garcia, L; Lunadei, L; Barreiro, P; Robla, JI

SENSORS 9 (6): 4728-4750 JUN 2009

[Genome Sequence of Azotobacter vinelandii, an Obligate Aerobe Specialized To Support Diverse Anaerobic Metabolic Processes](#)

Setubal, JC; dos Santos, P; Goldman, BS; Ertesvag, H; Espin, G; Rubio, LM; Valla, S; Almeida, NF; Balasubramanian, D; Cromes, L; Curatti, L; Du, ZJ; Godsy, E; Goodner, B; Hellner-Burris, K; Hernandez, JA; Houmiel, K; Imperial, J; Kennedy, C; Larson, TJ; Latreille, P; Ligon, LS; Lu, J; Maerk, M; Miller, NM; Norton, S; O'Carroll, IP; Paulsen, I; Raulfs, EC; Roemer, R; Rosser, J; Segura, D; Slater, S; Stricklin, SL; Studholme, DJ; Sun, J; Viana, CJ; Wallin, E; Wang, BM; Wheeler, C; Zhu, HJ; Dean, DR; Dixon, R; Wood, D

JOURNAL OF BACTERIOLOGY 191 (14): 4534-4545 JUL 15 2009

[Antifeedant and growth inhibitory effects of extracts and drimanes of Drimys winteri stem bark against Spodoptera littoralis \(Lep., Noctuidae\)](#)

Zapata, N; Budia, F; Vinuela, E; Medina, P

INDUSTRIAL CROPS AND PRODUCTS 30 (1): 119-125 JUL 2009

[Lithologic data improve plant species distribution models based on coarse-grained occurrence data](#)

Gaston, A; Soriano, C; Gomez-Miguel, V

INVESTIGACION AGRARIA-SISTEMAS Y RECURSOS FORESTALES 18 (1): 42-49 APR 2009

[Consumer awareness of organic products in Spain: An application of multinomial logit models](#)

Briz, T; Ward, RW

FOOD POLICY 34 (3): 295-304 JUN 2009

[Some unresolved problems in the design of steel cylindrical silos](#)

Ayuga, F

STRUCTURES AND GRANULAR SOLIDS: FROM SCIENTIFIC PRINCIPLES TO ENGINEERING APPLICATIONS : 123-133 2008

ETSI Caminos, Canales y Puertos

[The influence of the masonry mechanical properties in the structural behaviour of the Leon's cathedral](#)

Calzada, MJC; Ruiz, JCG

MATERIALES DE CONSTRUCCION 59 (294): 75-96 2009

[Toeplitz operators on Herglotz wave functions](#)

Barcelo, JA; Folch-Gabayet, M; Perez-Esteva, S; Ruiz, A

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS 358 (2): 364-379 OCT 15 2009

[Computing a T-transitive lower approximation or opening of a proximity relation](#)

Garmendia, L; Salvador, A; Montero, J

FUZZY SETS AND SYSTEMS 160 (14): 2097-2105 JUL 16 2009

ETSI Industriales

[2D numerical comparison between S-n and M-1 radiation transport methods](#)

Gonzalez, M; Garcia-Fernandez, C; Velarde, P

ANNALS OF NUCLEAR ENERGY 36 (7): 886-895 JUL 2009

ETSI Minas

[Hydrocarbon-derived ferromanganese nodules in carbonate-mud mounds from the Gulf of Cadiz: Mud-breccia sediments and clasts as nucleation sites](#)

Gonzalez, FJ; Somoza, L; Lunar, R; Martinez-Frias, J; Rubi, JAM; Torres, I; Ortiz, JE; del Rio, VD; Pinheiro, LM; Magalhaes, VH

MARINE GEOLOGY 261 (1-4): 64-81 Sp. Iss. SI JUN 1 2009

[Analysis of tetrahedral and pentahedral key blocks in underground excavations](#)

Menendez-Diaz, A; Gonzalez-Palacio, C; Alvarez-Vigil, AE; Gonzalez-Nicieza, C; Ramirez-Oyanguren, P

COMPUTERS AND GEOTECHNICS 36 (6): 1009-1023 JUL 2009

ETSI Montes

[Artificial neural networks in variable process control: application in particleboard manufacture](#)

Esteban, LG; Fernandez, FG; de Palacios, P; Conde, M

INVESTIGACION AGRARIA-SISTEMAS Y RECURSOS FORESTALES 18 (1): 92-100 APR 2009

ETSI Telecomunicación

[Optical Slot-Waveguide Based Biochemical Sensors](#)

Barrios, CA

SENSORS 9 (6): 4751-4765 JUN 2009

[Aluminum incorporation in Ti_{1-x}Al_xN films studied by x-ray absorption near-edge structure](#)

Gago, R; Redondo-Cubero, A; Endrino, JL; Jimenez, I; Shevchenko, N

JOURNAL OF APPLIED PHYSICS 105 (11): Art. No. 113521 JUN 1 2009

[MODELLING AND FORMAL SPECIFICATION OF A MULTIAGENT TELEMEDICINE SYSTEM FOR DIABETES CARE](#)

Martinez-Sarriegui, I; Zhu, H; Shan, L; Garcia-Saez, G; Gomez, EJ; Hernando, ME

ICAART 2009: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON AGENTS AND ARTIFICIAL INTELLIGENCE : 507-512 2009

Facultad de Informática

[Topological robustness of non-saddle sets](#)

Giraldo, A; Sanjurjo, JMR

TOPOLOGY AND ITS APPLICATIONS 156 (11): 1929-1936 JUN 15 2009

[2-Covered paths by a set of antennas with minimum power transmission range](#)

Abellanas, M; Bajuelos, AL; Matos, I

INFORMATION PROCESSING LETTERS 109 (14): 768-773 JUN 30 2009

[Data Mining Validation of Fluconazole Breakpoints Established by the European Committee on Antimicrobial Susceptibility Testing](#)

Cuesta, I; Bielza, C; Larranaga, P; Cuenca-Estrella, M; Laguna, F; Rodriguez-Pardo, D; Almirante, B; Pahissa, A; Rodriguez-Tudela, JL

ANTIMICROBIAL AGENTS AND CHEMOTHERAPY 53 (7): 2949-2954 JUL 2009

[McErlang: A Model Checker for a Distributed Functional Programming Language](#)

Fredlund, LA; Svensson, H

ICFP'07 PROCEEDINGS OF THE 2007 ACM SIGPLAN INTERNATIONAL CONFERENCE ON FUNCTIONAL PROGRAMMING : 125-136 2007

EUIT Aeronáutica

[The influence of the masonry mechanical properties in the structural behaviour of the Leon's cathedral](#)

Calzada, MJC; Ruiz, JCG

MATERIALES DE CONSTRUCCION 59 (294): 75-96 2009

EUIT Forestal

[Lithologic data improve plant species distribution models based on coarse-grained occurrence data](#)

Gaston, A; Soriano, C; Gomez-Miguel, V

INVESTIGACION AGRARIA-SISTEMAS Y RECURSOS FORESTALES 18 (1):
42-49 APR 2009

1ª semana

ETSI Agrónomos

[Exchange Complex Composition in Mediterranean Ultisols Under Various Types of Vegetation and Soil Uses](#)

Mariscal-Sancho, I; Peregrina, F; Mendiola, MA; Santano, J; Espejo, R

SOIL SCIENCE 174 (6): 339-345 JUN 2009

[Genetic evaluation of susceptibility to clinical mastitis in Spanish Holstein cows](#)

Perez-Cabal, MA; de los Campos, G; Vazquez, AI; Gianola, D; Rosa, GJM; Weigel, KA; Alenda, R

JOURNAL OF DAIRY SCIENCE 92 (7): 3472-3480 JUL 2009

[Minimization of ethylphenol precursors in red wines via the formation of pyranoanthocyanins by selected yeasts](#)

Benito, S; Palomero, F; Morata, A; Uthurry, C; Suarez-Lepe, JA

INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY 132 (2-3): 145-152
JUN 30 2009

[A comparison of the climate risks of cereal, citrus, grapevine and olive production in Spain](#)

Quiroga, S; Iglesias, A

AGRICULTURAL SYSTEMS 101 (1-2): 91-100 JUN 2009

ETSI Industriales

[Power mode shapes for early damage detection in linear structures](#)

Fang, SE; Perera, R

JOURNAL OF SOUND AND VIBRATION 324 (1-2): 40-56 JUL 10 2009

[Current Self-Balance Mechanism in Multiphase Buck Converter](#)

Garcia, O; Zumel, P; de Castro, A; Alou, P; Cobos, JA

IEEE TRANSACTIONS ON POWER ELECTRONICS 24 (5-6): 1600-1606 MAY-JUN 2009

ETSI Minas

[Characterization of the electric field of focused pulsed Gaussian beams for phase-sensitive interactions with matter](#)

Porras, MA

OPTICS LETTERS 34 (10): 1546-1548 MAY 15 2009

ETSI Telecomunicación

[AlN films sputtered on iridium electrodes for bulk acoustic wave resonators](#)

Clement, M; Olivares, J; Iborra, E; Gonzalez-Castilla, S; Rimmer, N; Rastogi, A

THIN SOLID FILMS 517 (16): 4673-4678 JUN 30 2009

[Synthesis of Symmetric and Asymmetric Singly Terminated Elliptic Ladder Filters for Multiplexing Applications](#)

Montejo-Garai, JR; Ruiz-Cruz, JA; Rebollar, JM

INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING 19 (4): 443-452 JUL 2009

[Millimeter-Wave Sensor With FMICW Capabilities for Medium-Range High-Resolution Radars](#)

Almorox-Gonzalez, P; Gonzalez-Partida, JT; Burgos-Garcia, M; Dorta-Naranjo, BP; Gismero, J

IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES 57 (6): 1479-1486 JUN 2009

[Validation results of the user interaction in a heart failure management system](#)

Villalba, E; Salvi, D; Peinado, I; Ottaviano, M; Arredondo, MT

INTERNATIONAL CONFERENCE ON EHEALTH, TELEMEDICINE, AND SOCIAL MEDICINE: ETELEMED 2009, PROCEEDINGS : 81-86 2009

[Carrier compensation by deep levels in Zn_{1-x}MgxO/sapphire](#)

Hierro, A; Tabares, G; Ulloa, JM; Munoz, E; Nakamura, A; Hayashi, T; Temmyo, J

APPLIED PHYSICS LETTERS 94 (23): Art. No. 232101 JUN 8 2009

ETSI Topografía, Geodesia y Cartografía

[Uncovering Interaction Patterns in Mobile Outdoor Gaming](#)

Drellana, D; Wachowicz, M; Andrienko, N; Andrienko, G

INTERNATIONAL CONFERENCE ON ADVANCED GEOGRAPHIC INFORMATION SYSTEMS AND WEB SERVICES: GEOWS 2009, PROCEEDINGS : 177-182 2009

Facultad de Informática

[An "Art Gallery Theorem" for pyramids](#)

Abellanas, M; Canales, S; Hernandez-Penalver, G

INFORMATION PROCESSING LETTERS 109 (13): 719-721 JUN 15 2009

[Type-based homeomorphic embedding for online termination](#)

Albert, E; Gallagher, J; Gomez-Zamalloa, M; Puebla, G

INFORMATION PROCESSING LETTERS 109 (15): 879-886 JUL 16 2009

EU Arquitectura Técnica

[Terminology and terminography for architecture and building construction](#)

Fernandez, T; de la Colina, MAF; Peters, P

TERMINOLOGY 15 (1): 10-36 Sp. Iss. SI 2009

EU Informática

[Optimizing Agile Processes by Early Identification of Hidden Requirements](#)

Yague, A; Rodriguez, P; Garbajosa, J

AGILE PROCESSES IN SOFTWARE ENGINEERING AND EXTREME PROGRAMMING 31: 180-185 2009

EUIT Agrícola

[The Interactive Effects of Temperature and Osmotic Potential on the Growth of Aquatic Isolates of Fusarium culmorum](#)

Palmero, D; de Cara, M; Iglesias, C; Tello, JC

GEOMICROBIOLOGY JOURNAL 26 (5): 321-325 2009

Listado de artículos de investigadores de la UPM incorporados a la Web of Science en el mes de agosto

4ª semana

ETS Arquitectura

[Bianchi II with time varying constants. Self-similar approach](#)

Belinchon, JA

ASTROPHYSICS AND SPACE SCIENCE 323 (2): 185-195 SEP 2009

[Belzunce, Diaz-Maurino and G\(a\) Millan](#)

Belzunce, E; Diaz-Maurino, L; Millan, JG; Montoya, JMD; Burgos, F

A + U-ARCHITECTURE AND URBANISM (467): 84-89 AUG 2009

ETSI Agrónomos

[Effects of type of cereal, heat processing of the cereal, and fiber inclusion in the diet on gizzard pH and nutrient utilization in broilers at different ages](#)

Jimenez-Moreno, E; Gonzalez-Alvarado, JM; Lazaro, R; Mateos, GG

POULTRY SCIENCE 88 (9): 1925-1933 SEP 1 2009

[QUANTIFYING FLOW PATHS IN CLAY SOILS USING MULTIFRACTAL DIMENSION AND WAVELET-BASED LOCAL SINGULARITY](#)

Pinuela, JA; Andina, D; Torres, J; Tarquis, AM

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 605-617 Sp. Iss. SI 2009

[The Effect of the Complex Topology on the Robustness of Spanish SDH Network](#)

Cardenas, JP; Benito, RM; Mouronte, ML; Feliu, V

ICNS: 2009 FIFTH INTERNATIONAL CONFERENCE ON NETWORKING AND SERVICES : 86-90 2009

[CLASSIFICATION OF AGRICULTURAL TRACTORS ACCORDING TO THE ENERGY EFFICIENCIES OF THE ENGINE AND THE TRANSMISSION BASED ON OECD TESTS](#)

Ortiz-Canavate, J; Gil-Sierra, J; Casanova-Kindelan, J; Gil-Quiros, V

APPLIED ENGINEERING IN AGRICULTURE 25 (4): 475-480 JUL 2009

ETSI Caminos, Canales y Puertos

[Virtual fracture testing of composite materials and structures](#)

LLorca, J; Cox, BN

INTERNATIONAL JOURNAL OF FRACTURE 158 (2): 97-97 AUG 2009

[DEVELOPMENT OF A CRITICAL STRUCTURE STATE ALARM SYSTEM BASED ON THE INSTRUMENTATION OF THE BOTAFOC BREAKWATER\(#8\) CAISSON](#)

Almazan, GJL; Palomino, MMC; Garcia, MJR; Matias, MA; Parada, GA; Amoros, SJR

ADVANCES IN WATER RESOURCES AND HYDRAULIC ENGINEERING, VOLS 1-6 : 1860-1867 2009

[Mechanisms of shear deformation in fiber-reinforced polymers: experiments and simulations](#)

Totry, E; Gonzalez, C; LLorca, J; Molina-Aldareguia, JM

INTERNATIONAL JOURNAL OF FRACTURE 158 (2): 197-209 AUG 2009

ETSI Industriales

[Determining the CO2 Emissions Averted by the Use of Solar Power](#)

Pinto, G

JOURNAL OF CHEMICAL EDUCATION 86 (9): 1033-1033 SEP 2009

[Differential-Mode EMI Reduction in a Multiphase DCM Flyback Converter](#)

Zumel, P; Garcia, O; Oliver, JA; Cobos, JA

IEEE TRANSACTIONS ON POWER ELECTRONICS 24 (8): 2013-2020 AUG 2009

[Bidirectional Transport Protocol for Teleoperated Robots](#)

Wirz, R; Marin, R; Ferre, M; Barrio, J; Claver, JM; Ortego, J

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS 56 (9): 3772-3781 SEP 2009

[3D CAD-MCNP METHODOLOGY APPLIED TO NEUTRONIC IRRADIATION EFFECTS ANALYSIS IN KOYO-F](#)

Domingo, S; Herreras, Y; Sordo, F; Lafuente, A; Perlado, JM

FUSION SCIENCE AND TECHNOLOGY 56 (2): 710-717 AUG 2009

[BREMSSTRAHLUNG GENERATED GAMMA DOSE DISTRIBUTION OPTIMIZATION IN DEVICES FOR TESTING FACILITIES OF REMOTE HANDLING SYSTEMS FOR FUSION TECHNOLOGY: METHODOLOGY AND RESULTS](#)

Herreras, Y; Domingo, S; Perlado, JM; Ibarra, A

FUSION SCIENCE AND TECHNOLOGY 56 (2): 741-745 AUG 2009

[Durability of polyester polymer concrete under varying temperature and moisture](#)

Robles, M; Galan, S; Aguilar, R

EXCELLENCE IN CONCRETE CONSTRUCTION THROUGH INNOVATION : 299-304 2009

ETSI Telecomunicación

[Intrinsic and Mn doped InAs quantum dots studied at the atomic scale by cross-sectional scanning tunneling microscopy](#)

Ulloa, JM; Bozkurt, M; Koenraad, PM

SOLID STATE COMMUNICATIONS 149 (35-36): 1410-1418 Sp. Iss. SI SEP 2009

[Real-time Visual Tracker by Stream Processing](#)

Lozano, OM; Otsuka, K

JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY 57 (2): 285-295 Sp. Iss. SI NOV 2009

[SPECIAL ISSUE: SIGNAL PROCESSING & SOFT COMPUTING](#)

Andina, D

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 535-537 Sp. Iss. SI 2009

[A GREATER KNOWLEDGE EXTRACTION CODED AS FUZZY RULES AND BASED ON THE FUZZY AND TYPICALITY DEGREES OF THE GKPCFM CLUSTERING ALGORITHM](#)

Ojeda-Magana, B; Ruelas, R; Buendia-Buendia, FS; Andina, D

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 555-571 Sp. Iss. SI 2009

[QUANTIFYING FLOW PATHS IN CLAY SOILS USING MULTIFRACTAL DIMENSION AND WAVELET-BASED LOCAL SINGULARITY](#)

Pinuela, JA; Andina, D; Torres, J; Tarquis, AM

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 605-617 Sp. Iss. SI 2009

[NOVEL APPLICATIONS OF NEURAL NETWORKS IN SPEECH TECHNOLOGY SYSTEMS: SEARCH SPACE REDUCTION AND PROSODIC MODELING](#)

Macias-Guarasa, J; Montero, JM; Ferreiros, J; Cordoba, R; San-Segundo, R; Gutierrez-Arriola, J; D'Haro, LF; Fernandez, F; Barra, R; Pardo, JM

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 631-646 Sp. Iss. SI 2009

[SPEECH TECHNOLOGY AT HOME: ENHANCED INTERFACES FOR PEOPLE WITH DISABILITIES](#)

San-Segundo, R; Cordoba, R; Ferreiros, J; Macias-Guarasa, J; Montero, JM; Fernandez, F; D'Haro, LF; Barra, R; Pardo, JM

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 647-666 Sp. Iss. SI 2009

[ARTIFICIAL METAPLASTICITY CAN IMPROVE ARTIFICIAL NEURAL NETWORKS LEARNING](#)

Andina, D; Alvarez-Vellisco, A; Jevtic, A; Fombellida, J

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 683-696 Sp. Iss. SI 2009

[A model for enabling context-adapted deployment and configuration operations for the banking environment](#)

Cuadrado, F; Duenas, JC; Garcia, R; Ruiz, JL

ICNS: 2009 FIFTH INTERNATIONAL CONFERENCE ON NETWORKING AND SERVICES : 13-18 2009

[A Practical Method for Testing High-Speed Networking Hardware Architectures](#)

Pejovic, V; Bojanic, S; Carreras, C; Badii, A

ICNS: 2009 FIFTH INTERNATIONAL CONFERENCE ON NETWORKING AND SERVICES : 122-130 2009

[Modeling Quality of Service Adaptability](#)

Briones, JF; de Miguel, MA; Alonso, A; Silva, JP

EDOCW: 2008 12TH ENTERPRISE DISTRIBUTED OBJECT COMPUTING CONFERENCE WORKSHOPS : 111-118 2008

[Reducing the integration tax of cross-organizational identity-based applications with identity federation platforms. A case study of integration of JBoss Application Server in Liberty Alliance Platform](#)

Villamor, AMF; Garcia, JCY

EDOCW: 2008 12TH ENTERPRISE DISTRIBUTED OBJECT COMPUTING
CONFERENCE WORKSHOPS : 208-215 2008

[BAW Resonators Based on AlN with Ir Electrodes for Digital Wireless Transmissions](#)

Iborra, E; Clement, M; Olivares, J; Gonzalez-Castilla, S; Sangrador, J; Rimmer, N;
Rastogi, A; Ivira, B; Reinhardt, A

2008 IEEE ULTRASONICS SYMPOSIUM, VOLS 1-4 AND APPENDIX : 2189-
2192 2008

Facultad de Informática

[A Tabling Implementation Based on Variables with Multiple Bindings](#)

de Guzman, PC; Carro, M; Hermenegildo, M

LOGIC PROGRAMMING 5649: 190-204 2009

[Improved modelling experiment for elevated PM10 and PM2.5 concentrations in Europe with MM5-CMAQ and WRF/CHEM](#)

Jose, RS; Perez, JL; Morant, JL; Prieto, F; Gonzalez, RM

AIR POLLUTION XVII 123: 377-386 2009

EUIT Agrícola

[Weighted-Interaction Nestedness Estimator \(WINE\): A new estimator to calculate over frequency matrices](#)

Galeano, J; Pastor, JM; Iriondo, JM

ENVIRONMENTAL MODELLING & SOFTWARE 24 (11): 1342-1346 NOV 2009

EUIT Industrial

[Appearance and Shape Prior Alignments in Level Set Segmentation](#)

Platero, C; Tobar, MC; Sanguino, J; Poncela, JM

PATTERN RECOGNITION AND IMAGE ANALYSIS, PROCEEDINGS 5524: 282-289 2009

[Estimation of non-linear site response in a deep Alpine valley](#)

Roten, D; Fah, D; Bonilla, LF; Alvarez-Rubio, S; Weber, TM; Laue, J

GEOPHYSICAL JOURNAL INTERNATIONAL 178 (3): 1597-1613 SEP 2009

EUIT Telecomunicación

[INTELLIGENT ADAPTIVE USE OF WAVELET PACKETS FOR BIOMEDICAL APPLICATIONS](#)

Moreno-Martinez, E; Blanco-Velasco, M; Cruz-Roldan, F; Amo-Lopez, P; Godino-Llorente, JI

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 619-629 Sp. Iss. SI 2009

[DYNAMIC FEATURE EXTRACTION: AN APPLICATION TO VOICE PATHOLOGY DETECTION](#)

Daza-Santacoloma, G; Arias-Londono, JD; Godino-Llorente, JI; Saenz-Lechon, N; Osma-Ruiz, V; Castellanos-Dominguez, G

INTELLIGENT AUTOMATION AND SOFT COMPUTING 15 (4): 667-682 Sp. Iss. SI 2009

[Global System for Location and Guidance of Disabled People: indoor and outdoor technologies integration](#)

Benavente-Peces, C; Moracho-Oliva, VM; Dominguez-Garcia, A; Lugilde-Rodriguez, M

ICNS: 2009 FIFTH INTERNATIONAL CONFERENCE ON NETWORKING AND SERVICES : 370-375 2009

ETSI Agrónomos

[A Pivotal Role of the Basic Leucine Zipper Transcription Factor bZIP53 in the Regulation of Arabidopsis Seed Maturation Gene Expression Based on Heterodimerization and Protein Complex Formation](#)

Alonso, R; Onate-Sanchez, L; Weltmeier, F; Ehlert, A; Diaz, I; Dietrich, K; Vicente-Carbajosa, J; Droge-Laser, W

PLANT CELL 21 (6): 1747-1761 JUN 2009

[Analysis of Class III Peroxidase Genes Expressed in Roots of Resistant and Susceptible Wheat Lines Infected by Heterodera avenae](#)

Simonetti, E; Veronico, P; Melillo, MT; Delibes, A; Andres, MF; Lopez-Brana, I

MOLECULAR PLANT-MICROBE INTERACTIONS 22 (9): 1081-1092 SEP 2009

[Effect of feed type and feeding frequency on macrophage functions in tilapia \(Oreochromis niloticus L.\)](#)

Garcia, JA; Villarroel, M

FISH & SHELLFISH IMMUNOLOGY 27 (2): 325-329 AUG 2009

ETSI Caminos, Canales y Puertos

[COMPARATIVE ANALYSIS OF THE FRICTION STIR PROCESSING EFFECTS ON AS CAST AND ROLLED PLATES OF ALUMINIUM ALLOYS](#)

Mihaela, I; Danut, I; Manuel, B; Elena, S

METALURGIA INTERNATIONAL 14 (7): 99-104 Sp. Iss. SI 2009

[COMPARATIVE ANALYSIS OF THE FRICTION STIR PROCESSING EFFECTS ON AS CAST AND ROLLED PLATES OF ALUMINIUM ALLOYS](#)

Mihaela, I; Danut, I; Manuel, B; Elena, S

METALURGIA INTERNATIONAL 14 (7): 99-104 Sp. Iss. SI 2009

[Thermodynamically consistent time-stepping algorithms for non-linear thermomechanical systems](#)

Romero, I

INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING 79 (6): 706-732 AUG 6 2009

[Capacity Assessment Via Simulation for a Spanish Dry Port](#)

Sanchez, AG; Gutierrez, IG; Juan, LP

INTERNATIONAL MEDITERRANEAN MODELLING MULTICONFERENCE 2006 : 689-695 2006

[Effect of activation cross section uncertainties in transmutation analysis of realistic low-activation steels for IFMIF](#)

Cabellos, O; Garcia-Herranz, N; Sanz, J; Reyes, S; Fernandez, P; Fernandez, B

INTERNATIONAL CONFERENCE ON NUCLEAR DATA FOR SCIENCE AND TECHNOLOGY, VOL 2, PROCEEDINGS : 991-994 2008

[Processing and validation of JEFF3.1 library in ACE format at 10 different temperatures](#)

Cabellos, O; Rugama, Y

INTERNATIONAL CONFERENCE ON NUCLEAR DATA FOR SCIENCE AND TECHNOLOGY, VOL 1, PROCEEDINGS : 697-700 2008

ETSI Navales

[MODELING AND SIMULATION OF VEHICLE MOVEMENTS IN SHIP CRITICAL ZONES](#)

Lozano, J; Lopez, A; Atienza, R

INTERNATIONAL MEDITERRANEAN MODELLING MULTICONFERENCE
2006 : 511-516 2006

ETSI Telecomunicación

[Proposed flat-topped pulses bursts generation using all-pass multi-cavity structures](#)

Preciado, MA; Muriel, MA

OPTICS EXPRESS 17 (16): 13875-13880 AUG 3 2009

[ZnO-based varistor thick films with high non-linear electrical behavior](#)

Peiteado, M; De La Rubia, MA; De Frutos, J; Jardiel, T

JOURNAL OF ELECTROCERAMICS 23 (1): 62-66 AUG 2009

[Oversampling in Shift-Invariant Spaces With a Rational Sampling Period](#)

Garcia, AG; Hernandez-Medina, MA; Perez-Villalon, G

IEEE TRANSACTIONS ON SIGNAL PROCESSING 57 (9): 3442-3449 SEP 2009

[Fault Detection Schemes for Continuous-Time Stochastic Dynamical Systems](#)

Castillo, A; Zufiria, PJ

IEEE TRANSACTIONS ON AUTOMATIC CONTROL 54 (8): 1820-1836 AUG
2009

[Breakdown of anomalous channeling with ion energy for accurate strain determination in GaN-based heterostructures](#)

Redondo-Cubero, A; Lorenz, K; Gago, R; Franco, N; Fernandez-Garrido, S; Smulders, PJM; Munoz, E; Calleja, E; Watson, IM; Alves, E

APPLIED PHYSICS LETTERS 95 (5): Art. No. 051921 AUG 3 2009

[A Coherent Radon Transform for Small Target Detection](#)

Carretero-Moya, J; Gismero-Menoyo, J; Asensio-Lopez, A; Blanco-Del-Campo, A

2009 IEEE RADAR CONFERENCE, VOLS 1 AND 2 : 1036-1039 2009

[Efficient Methodology for 3D Statistical Reconstruction of High Resolution Coplanar PET/CT Scanner](#)

Ortuno, JE; Rubio, JL; Guerra, P; Kontaxakis, G; Desco, M; Vaquero, JJ; Santos, A

2008 IEEE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE (2008 NSS/MIC), VOLS 1-9 : 4362-4366 2009

[2-6 GHz GaN MMIC Power Amplifiers for Electronic Warfare Applications](#)

Gonzalez-Garrido, MA; Grajal, J; Cubilla, P; Cetronio, A; Lanzieri, C; Uren, M

2008 EUROPEAN MICROWAVE INTEGRATED CIRCUITS CONFERENCE (EUMIC) : 83-86 2008

Facultad de Informática

[Decompilation of Java bytecode to Prolog by partial evaluation](#)

Gomez-Zamalloa, M; Albert, E; Puebla, G

INFORMATION AND SOFTWARE TECHNOLOGY 51 (10): 1409-1427 OCT 2009

EU Informática

[A method to learn the inverse kinematics of multi-link robots by evolving neuro-controllers](#)

Martin, JA; de Lope, J; Santos, M

NEUROCOMPUTING 72 (13-15): 2806-2814 Sp. Iss. SI AUG 2009

EUIT Telecomunicación

[Oversampling in Shift-Invariant Spaces With a Rational Sampling Period](#)

Garcia, AG; Hernandez-Medina, MA; Perez-Villalon, G

IEEE TRANSACTIONS ON SIGNAL PROCESSING 57 (9): 3442-3449 SEP 2009

2ª semana

ETSI Aeronáuticos

[The influence of selectable parameters in the element-free Galerkin method: a one-dimensional beam-in-bending problem](#)

Valencia, OF; Gomez-Escalonilla, FJ; Lopez-Diez, J

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE 223 (7): 1579-1590 JUL 2009

[Numerical calculations of the irradiation of the cone in a conically guided capsule](#)

Temporal, M; Ramis, R; Canaud, B

PHYSICS OF PLASMAS 16 (7): Art. No. 074503 JUL 2009

[Jamming transition in air transportation networks](#)

Lacasa, L; Cea, M; Zanin, M

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 388 (18):
3948-3954 SEP 15 2009

[Insight into a model for large strain anisotropic elasto-plasticity](#)

Kim, DN; Montans, FJ; Bathe, KJ

COMPUTATIONAL MECHANICS 44 (5): 651-668 OCT 2009

ETSI Agrónomos

[Molecular characterization and analysis of somaclonal variation in chrysanthemum cultivars using RAPD markers](#)

Minano, HS; Gonzalez-Benito, ME; Martin, C

SCIENTIA HORTICULTURAE 122 (2): 238-243 SEP 17 2009

[Effect of a High-lignin Rearing Diet on Follicular Apoptosis and Oocyte Competence of Primiparous Lactating Rabbits](#)

Arias-Alvarez, M; Garcia-Garcia, RM; Rebollar, PG; Lorenzo, PL

REPRODUCTION IN DOMESTIC ANIMALS 44: 94-94 Suppl. 3 SEP 2009

[Role of Seminal Fractions of Rabbit Semen in Intra-tuberic Insemination](#)

Cardinali, R; Besenfelder, U; Rebollar, PG; Brecchia, G; Dal Bosco, A; Castellini, C

REPRODUCTION IN DOMESTIC ANIMALS 44: 98-98 Suppl. 3 SEP 2009

[Influence of a Lignified Rearing Diet on Ovulation Rate and Embryo Survival of Primiparous Rabbit Does](#)

Garcia-Garcia, RM; Arias-Alvarez, M; Rebollar, PG; Lorenzo, PL

REPRODUCTION IN DOMESTIC ANIMALS 44: 104-104 Suppl. 3 SEP 2009

[Diversity in Expression Patterns and Functional Properties in the Rice HKT Transporter Family](#)

Jabnoune, M; Espeout, S; Mieulet, D; Fizames, C; Verdeil, JL; Conejero, G; Rodriguez-Navarro, A; Sentenac, H; Guiderdoni, E; Abdelly, C; Very, AA

PLANT PHYSIOLOGY 150 (4): 1955-1971 AUG 2009

[The ERECTA Receptor-Like Kinase Regulates Cell Wall-Mediated Resistance to Pathogens in Arabidopsis thaliana](#)

Sanchez-Rodriguez, C; Estevez, JM; Llorente, F; Hernandez-Blanco, C; Jorda, L; Pagan, I; Berrocal, M; Marco, Y; Somerville, S; Molina, A

MOLECULAR PLANT-MICROBE INTERACTIONS 22 (8): 953-963 AUG 2009

[A simplified management of the in situ evaluation of feedstuffs in ruminants: Application to the study of the digestive availability of protein and amino acids corrected for the ruminal microbial contamination](#)

Gonzalez, J; Ouarti, M; Rodriguez, CA; Centeno, C

ARCHIVES OF ANIMAL NUTRITION 63 (4): 304-320 2009

[Influence of different reproductive rhythms on serum estradiol and testosterone levels, features of follicular population and atresia rate, and oocyte maturation in controlled suckling rabbits](#)

Garcia-Garcia, RM; Arias-Alvarez, M; Rebollar, PG; Revuelta, L; Lorenzo, PL

ANIMAL REPRODUCTION SCIENCE 114 (4): 423-433 SEP 2009

ETSI Caminos, Canales y Puertos

[Assessment of Cross-Border Spillover Effects of National Transport Infrastructure Plans: An Accessibility Approach](#)

Lopez, E; Monzon, A; Ortega, E; Quintana, SM

TRANSPORT REVIEWS 29 (4): 515-536 2009

[COLD PRESS WELDING OF ALUMINIUM - ORIGINAL THEORETIC AND EXPERIMENTAL APPROACH](#)

Iordachescu, M; Iordachescu, D; Scutelnicu, E

METALURGIA INTERNATIONAL 14 (11): 71-78 2009

[An embedded cohesive crack model for finite element analysis of brickwork masonry fracture](#)

Reyes, E; Galvez, JC; Casati, MJ; Cendon, DA; Sancho, JM; Planas, J

ENGINEERING FRACTURE MECHANICS 76 (12): 1930-1944 AUG 2009

ETSI Industriales

[Electronic nose: State of art](#)

Moreno, I; Caballero, R; Galan, R; Matia, F; Jimenez, A

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL 6 (3): 76-+ JUL 2009

[Conception, Development and Advances in the Navigation Control of Underwater Parallel Robots: the REMO-I Robot](#)

Alvarez, C; Saltaren, R; Aracil, R; Garcia, C

REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL 6 (3): 92-+ JUL 2009

[Differential kinematics of parallel manipulators using Assur virtual chains](#)

Campos, A; Guenther, R; Martins, D

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE 223 (7): 1697-1711 JUL 2009

[Contact network in nearly jammed disordered packings of hard-sphere chains](#)

Karayianis, NC; Foteinopoulou, K; Laso, M

PHYSICAL REVIEW E 80 (1): Art. No. 011307 Part 1 JUL 2009

[COLD PRESS WELDING OF ALUMINIUM - ORIGINAL THEORETIC AND EXPERIMENTAL APPROACH](#)

Iordachescu, M; Iordachescu, D; Scutelnicu, E

METALURGIA INTERNATIONAL 14 (11): 71-78 2009

[Optical observation of shock waves and cavitation bubbles in high intensity laser-induced shock processes](#)

Marti-Lopez, L; Ocana, R; Porro, JA; Morales, M; Ocana, JL

APPLIED OPTICS 48 (19): 3671-3680 JUL 1 2009

ETSI Montes

[The ERECTA Receptor-Like Kinase Regulates Cell Wall-Mediated Resistance to Pathogens in Arabidopsis thaliana](#)

Sanchez-Rodriguez, C; Estevez, JM; Llorente, F; Hernandez-Blanco, C; Jorda, L; Pagan, I; Berrocal, M; Marco, Y; Somerville, S; Molina, A

MOLECULAR PLANT-MICROBE INTERACTIONS 22 (8): 953-963 AUG 2009

ETSI Telecomunicación

[Reliability analysis of temperature step-stress tests on III-V high concentrator solar cells](#)

Gonzalez, JR; Vazquez, M; Nunez, N; Algora, C; Rey-Stolle, I; Galiana, B

MICROELECTRONICS RELIABILITY 49 (7): 673-680 JUL 2009

[Influence on the magnetoresistance of a spin valve due to the insertion of an ultrathin Gd layer in the free layer](#)

Romera, M; Munoz, M; Sanchez, P; Aroca, C; Prieto, JL

JOURNAL OF APPLIED PHYSICS 106 (2): Art. No. 023922 JUL 15 2009

[Inclusion of the Feeding Network Effects in the Generalized-Scattering-Matrix Formulation of a Finite Array](#)

Rubio, J; Corcoles, J; de Aza, MAG

IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 8: 819-822 2009

[Development and deployment of WLAN location-based systems in track power](#)

Collado, E; Bernardos, A; Tarrío, P; Besada, J; Casar, JR

NEW PERSPECTIVES ON SYSTEMS AND INFORMATION TECHNOLOGY,
VOL 2 : 453-464 2007

[Analysis of security methods for interior cordless localization](#)

Besada, J; Bernardos, AM; Tarrío, P; Collado, E; Casar, JR

NEW PERSPECTIVES ON SYSTEMS AND INFORMATION TECHNOLOGY,
VOL 2 : 465-476 2007

Facultad de Informática

[Sequential SNP systems based on min/max spike number](#)

Ibarra, OH; Paun, A; Rodriguez-Paton, A

THEORETICAL COMPUTER SCIENCE 410 (30-32): 2982-2991 AUG 20 2009

[Showing the non-existence of solutions in systems of linear Diophantine equations](#)

Hernando, A; de Ledesma, L; Laita, LM

MATHEMATICS AND COMPUTERS IN SIMULATION 79 (10): 3211-3220 JUL
2009

[Showing the non-existence of solutions in systems of linear Diophantine equations](#)

Hernando, A; de Ledesma, L; Laita, LM

MATHEMATICS AND COMPUTERS IN SIMULATION 79 (11): 3211-3220 JUL
2009

[Maturing Software Engineering Knowledge through Classifications: A Case Study on Unit Testing Techniques](#)

Vegas, S; Juristo, N; Basili, VR

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING 35 (4): 551-565 JUL-AUG 2009

[Developing search strategies for detecting relevant experiments](#)

Dieste, O; Griman, A; Juristo, N

EMPIRICAL SOFTWARE ENGINEERING 14 (5): 513-539 OCT 2009

[Model of Decision Support for the Management of the Ringkobing Fjord](#)

Mateos, A; Bryhn, A; Jimenez, A; Rios, S

NEW PERSPECTIVES ON SYSTEMS AND INFORMATION TECHNOLOGY, VOL 2 : 115-126 2007

[Automatic detection of voice impairments from text-dependent running speech](#)

Godino-Llorente, JI; Fraile, R; Saenz-Lechon, N; Osma-Ruiz, V; Gomez-Vilda, P

BIOMEDICAL SIGNAL PROCESSING AND CONTROL 4 (3): 176-182 Sp. Iss. SI JUL 2009

[Decentralized Web Service Orchestration: A Reflective Approach](#)

Jimenez-Peris, R; Patino-Martinez, M; Martel-Jordan, E

PROCEEDINGS OF THE 23RD ANNUAL ACM SYMPOSIUM ON APPLIED COMPUTING : 494-498 2008

EUIT Aeronáutica

[An embedded cohesive crack model for finite element analysis of brickwork masonry fracture](#)

Reyes, E; Galvez, JC; Casati, MJ; Cendon, DA; Sancho, JM; Planas, J

ENGINEERING FRACTURE MECHANICS 76 (12): 1930-1944 AUG 2009

EUIT Agrícola

[Molecular characterization and analysis of somaclonal variation in chrysanthemum cultivars using RAPD markers](#)

Minano, HS; Gonzalez-Benito, ME; Martin, C

SCIENTIA HORTICULTURAE 122 (2): 238-243 SEP 17 2009

EUIT Industrial

[Analytical solutions of weakly coupled map lattices using recurrence relations](#)

Herrera, DS; San Martin, J

PHYSICS LETTERS A 373 (31): 2704-2709 JUL 20 2009

[An analytical study in coupled map lattices of synchronized states and traveling waves, and of their period-doubling cascades](#)

Herrera, MDS; Martin, JS

CHAOS SOLITONS & FRACTALS 42 (2): 901-910 OCT 30 2009

EUIT Telecomunicación

[Multifrequency Printed Antennas Loaded with Metamaterial Particles](#)

Segovia-Vargas, D; Herraiz-Martinez, FJ; Ugarte-Munoz, E; Montero-De-Paz, J; Gonzalez-Posadas, V; Garcia-Munoz, LE

RADIOENGINEERING 18 (2): 129-143 Part 1 JUN 2009

[Reliability analysis of temperature step-stress tests on III-V high concentrator solar cells](#)

Gonzalez, JR; Vazquez, M; Nunez, N; Algora, C; Rey-Stolle, I; Galiana, B

MICROELECTRONICS RELIABILITY 49 (7): 673-680 JUL 2009

[Automatic detection of voice impairments from text-dependent running speech](#)

Godino-Llorente, JI; Fraile, R; Saenz-Lechon, N; Osma-Ruiz, V; Gomez-Vilda, P

BIOMEDICAL SIGNAL PROCESSING AND CONTROL 4 (3): 176-182 Sp. Iss. SI
JUL 2009

1^a semana

ETS Arquitectura

[Structural Image of the Barrier of YBa₂Cu₃O₇ Grain Boundary Josephson Junctions Based on the Analysis of the Electromagnetic Parameters](#)

Navacerrada, MA; Lucia, ML; Sanchez-Quesada, F; Sarnelli, E

IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY 19 (3): 2863-2866
Part 3 JUN 2009

ETSI Aeronáuticos

[COMPUTERS IN FREQUENT ASSESSMENT AND CONTINUED MONITORING IN LARGE CLASSROOMS](#)

Ramirez, J; Burgos, J; Hilario, J; Rapun, ML; Lapuerta, MV; Salom, C; Prolongo, MG; Leo, T; Ramis, R; Cabello, MJ; Alvarez, JM

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 51-56 2007

ETSI Agrónomos

[Effect on the autolysis process and the colouring matter of several commercial preparations with beta-glucanase action in red winemaking](#)

Palomero, F; Benito, S; Morata, A; Tesfaye, W; Gonzalez, M; Suarez-Lepe, J

EUROPEAN FOOD RESEARCH AND TECHNOLOGY 229 (4): 585-592 AUG 2009

[Wheat starch digestion rate in broiler chickens is affected by cultivar but not by wheat crop nitrogen fertilisation](#)

del Alamo, AG; de Ayala, PP; Den Hartog, LA; Verstegen, MWA; Villamide, MJ

BRITISH POULTRY SCIENCE 50 (3): 341-349 2009

ETSI Caminos, Canales y Puertos

[The elasticity of arterial tissue affected by Marfan's syndrome](#)

Haughton, DM; Merodio, J

MECHANICS RESEARCH COMMUNICATIONS 36 (6): 659-668 SEP 2009

[Cohesive crack modelling of a simple concrete: Experimental and numerical results](#)

Elices, M; Rocco, C; Rosello, C

ENGINEERING FRACTURE MECHANICS 76 (10): 1398-1410 Sp. Iss. SI JUL 2009

[Preservation of Muscular and Elastic Artery Distensibility After an Intercontinental Cryoconserved Exchange: Theoretical Advances in Arterial Homograft Generation and Utilization](#)

Bia, D; Atienza, JM; Salvucci, F; Zocalo, Y; Rojo, FJ; Garcia-Herrera, C; Claes, E; Perez, H; Craiem, D; Lluberas, S; Fernandez, D; Laza, S; Guinea, GV; Armentano, RL

ARTIFICIAL ORGANS 33 (8): 662-669 AUG 2009

ETSI Industriales

[Entropy-Driven Crystallization in Dense Systems of Athermal Chain Molecules](#)

Karayiannis, NC; Foteinopoulou, K; Laso, M

PHYSICAL REVIEW LETTERS 103 (4): Art. No. 045703 JUL 24 2009

[Reconfigurable Hardware Architecture of a Shape Recognition System Based on Specialized Tiny Neural Networks With Online Training](#)

Moreno, F; Alarcon, J; Salvador, R; Riesgo, T

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS 56 (8): 3253-3263 AUG 2009

[Two Adaptive Mutation Operators for Optima Tracking in Dynamic Optimization Problems with Evolution Strategies](#)

Rossi, C; Barrientos, A; del Cerro, J

GECCO 2007: GENETIC AND EVOLUTIONARY COMPUTATION CONFERENCE, VOL 1 AND 2 : 697-704 2007

[Animats in the Modeling Ecosystem](#)

Barandiaran, XE; Chemero, A

ADAPTIVE BEHAVIOR 17 (4): 287-292 AUG 2009

ETSI Minas

[Resolving Mechanical Resonances with Breit-Wigner Formula](#)

Garcia-Berrocal, A; Blazquez, J; Montalvo, C; Balbas, M

JOURNAL OF VIBRATION AND CONTROL 15 (8): 1267-1280 AUG 2009

ETSI Montes

[Internet and ArcGis resources, tools for the supervised teaching of Geographic Information Systems \(GIS\) in Environmental Sciences](#)

Tellez, EA; Garcia, CG; Velazquez, J; Fernandez, SM

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 1-5 2007

[The incorporation of CAD technologies and Web in the teaching of Technical Drawing in the Labeling Engineer Title in the Politechnic University of Madrid](#)

Garcia, MJ; Arguelles, RA; Losada, MT; Nicolas, JM

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 26-29 2007

[USE OF IT TOOLS IN LEARNING TECHNIQUES OF SAMPLING IN FINITE POPULATIONS](#)

Garcia, CG; Tellez, EA; Fernandez, SM

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 36-40 2007

[Learning Operative Research with Internet. An Opportunity for Synthesis](#)

Gutierrez, FM; Tellez, EA; Garcia, CG; Fernandez, SM

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 47-50 2007

[An applets system for the teaching of plain kinematics](#)

Sanz, GT; Ortiz, MAG

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 63-67 2007

ETSI Telecomunicación

[Intermediate band mobility in heavily titanium-doped silicon layers](#)

Gonzalez-Diaz, G; Olea, J; Martil, I; Pastor, D; Marti, A; Antolin, E; Luque, A

SOLAR ENERGY MATERIALS AND SOLAR CELLS 93 (9): 1668-1673 SEP 2009

[Adaptive code-division multiple-access system for communications over indoor wireless optical channels based on random optical codes](#)

Gonzalez, O; Martin-Gonzalez, JA; Poves, E; Lopez-Hernandez, FJ; Perez-Jimenez, R

IET OPTOELECTRONICS 3 (4): 187-196 AUG 2009

[High-Temperature Microwave Performance of Submicron AlGaIn/GaN HEMTs on SiC](#)

Cuerdo, R; Sillero, E; Romero, MF; Uren, MJ; Poisson, MAD; Munoz, E; Calle, F

IEEE ELECTRON DEVICE LETTERS 30 (8): 808-810 AUG 2009

[C-band orthomode transducer for compact and broadband antenna feeders](#)

Ruiz-Cruz, JA; Montejo-Garai, JR; Rebollar, JM; Montero, JM

ELECTRONICS LETTERS 45 (16): 813-U17 JUL 30 2009

Facultad de Ciencias de la Actividad Física y del Deporte

[PHYSIOLOGICAL MEANING OF THE AEROBIC-ANAEROBIC TRANSITION](#)

Calderon, FJ; Benito, PJ; Peinado, AB; Diaz, V

REVISTA INTERNACIONAL DE MEDICINA Y CIENCIAS DE LA ACTIVIDAD FISICA Y DEL DEPORTE 8 (32): 321-337 DEC 2008

Facultad de Informática

[Glottal Source biometrical signature for voice pathology detection](#)

Gomez-Vilda, P; Fernandez-Baillo, R; Rodellar-Biarge, V; Lluís, VN; Alvarez-Marquina, A; Mazaira-Fernandez, LM; Martinez-Olalla, R; Godino-Llorente, JI

SPEECH COMMUNICATION 51 (9): 759-781 Sp. Iss. SI SEP 2009

[EMERGING USER INTENTIONS: MATCHING USER QUERIES WITH TOPIC EVOLUTION IN NEWS TEXT STREAMS](#)

Valencia, M; Lauth, C; Menasalvas, E

INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS 17: 59-80 Suppl. 1 AUG 2009

[Analysis of TI governance in Spanish businesses. Definition of a framework for the governance of TI in small and medium Spanish enterprises](#)

Verdun, JDC; Javega, AJA

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL III : 223-228 2007

[Snapshot Isolation and Integrity Constraints in Replicated Databases](#)

Lin, Y; Kemme, B; Jimenez-Peris, R; Patino-Martinez, M; Armendariz-Inigo, JE

ACM TRANSACTIONS ON DATABASE SYSTEMS 34 (2): Art. No. 11 JUN 2009

EUIT Aeronáutica

[Loss by tunneling in ionic irradiation wave guides](#)

Diaz, JBR; Alcazar, A

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL III : 172-177 2007

[LEVA Program: Design and analysis of radial cams](#)

Jimenez, CF; Diaz, JBR; De Velasco, AA

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 20-25 2007

EUIT Industrial

[Educative software for the design of mechanical elements subjected to static and variable discharges](#)

Berzal, M; Gomez, E; del Alamo, J; Barajas, C; Caja, J; Maresca, P

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 6-10 2007

[Educative software for the mechanical design of dented wheels in engineering](#)

Berzal, M; Gomez, E; Vereda, C; Barajas, C; Caja, J; Maresca, P

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 11-14 2007

[Educative software for calibration of metrological dimensional equipment in engineering](#)

Gomez, E; Barajas, C; Caja, J; Berzal, M; Maresca, P

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 30-35 2007

EUIT Telecomunicación

[Glottal Source biometrical signature for voice pathology detection](#)

Gomez-Vilda, P; Fernandez-Baillo, R; Rodellar-Biarge, V; Lluís, VN; Alvarez-Marquina, A; Mazaira-Fernandez, LM; Martinez-Olalla, R; Godino-Llorente, JI

SPEECH COMMUNICATION 51 (9): 759-781 Sp. Iss. SI SEP 2009

[Remote Sensor for Spatial Measurements by Using Optical Scanning](#)

Sergiyenko, O; Hernandez, W; Tyrsa, V; Cruz, LFD; Starostenko, O; Pena-Cabrera, M

SENSORS 9 (7): 5477-5492 JUL 2009

[Virtual Laboratories Through Simulation Software in the Teaching of Telecommunication Engineering](#)

Alcala, CC; Orobon, FJA; Tenorio, MAD; Perez, RH; Munoz, FJ; Yuste, AP

6TH SPANISH AMERICAN CONFERENCE ON SYSTEMS, CYBERNETICS AND INFORMATICS, MEMORIES, VOL II : 116-120 2007