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Codi comptador Fenix	Autors	Títol de l'article	ISSN	Revista	Volum	Número	Pàgina inicial	Pàgina final	Editorial	Data de publicació
20795	Laia Ferrer, Ana M ^a Coves, M ^a Antonia de los Santos	Modelado del Transporte de Distribución Mediante Programación Lineal Entera	0716-8756	Información tecnológica	15	4	65	70	Centro de Información Tecnológica	30/09/2004
20796	Laia Ferrer, M ^a Antonia de los Santos, Ana M ^a Coves	Modelado del Llenado de Vehículo con Cargas de Distintos Tamaños Mediante Programación Matemática Entera	0716-8756	Información tecnológica	15	4	71	76	Centro de Información Tecnológica	30/09/2004
20880	J.M. Moranchó, J.M. Salla, X. Ramis, A. Cadenato	Comparative Study of the Degradation Kinetics of Three Powder Thermoset Coatings	0040-6031	THERMOCHIMICA ACTA	419	1-2	181	187	ELSEVIER SCIENCE BV	30/09/2004
20883	Álvarez Montaner, J.	CHARACTERISTIC CYCLES OF LOCAL COHOMOLOGY MODULES OF MONOMIAL IDEALS II	0022-4049	JOURNAL OF PURE AND APPLIED ALGEBRA	192	1-3	1	20	ELSEVIER SCIENCE BV	30/09/2004
20919	Manero Planella, Jose M.	*Influencia de los tratamientos térmicos en la deformación en frío de los aceros inoxidables dúplex?	0034-8570	REVISTA DE METALURGIA	40		219	223	CENIM	31/10/2004
20933	Biturbina Alter, Luis; Iribarren Laco, José Ignacio; Liesa Mestres, Francisco	Urban and marine corrosion	0947-5117	MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION		9	689	694	WILEY-VCH VERLAG GMBH	30/09/2004
21183	Fernández Díez, Federico	Presentaciones: Teoría y equipos	1133-7079	Videopopular (Barcelona)		109	52	60	Videopopular	30/09/2004
21270	Torrealba, J.C.; Fernández, F.	Aplicación eficaz de la imagen en los entornos educativos basados en la web	1695-6281	Áreavisual.com (Barcelona. Ed. en castellano)		52	2	2	Áreavisual Project S.L.	30/09/2004
21350	Heluane, H., Colombo, M.A., Hernández, M.R., Sequeira, S.E., Graells, M., Puigjaner, L.	Scheduling of Continuous Parallel lines in the evaporation section of sugar plants	0098-6445	CHEMICAL ENGINEERING COMMUNICATIONS	191	9	1121	1146	GORDON BREACH SCI PUBL LTD	30/09/2004
21379	M.A. Sabino, D. Ajami, V. Saiih, S.N. Nazhat, R.Vargas-Coronado, J.V. Cauich, M.P. Ginebra	Physicochemical, Mechanical, and Biological Properties of Bone Cements Prepared with Functionalized Methacrylates	0885-3282	JOURNAL OF BIOMATERIALS APPLICATIONS	19		147	161	TECHNOMIC PUBL CO INC	31/10/2004
21410	David Zanuy, Jordi Casanovas, Carlos Alemán	Structure and dynamics of the surfactant molecules in dodecyltrimethylammonium-poly(alpha,L-glutamate) self-assembled complexes	0301-0104	CHEMICAL PHYSICS	305	1-3	85	93	ELSEVIER SCIENCE BV	30/09/2004
21421	X. Ramis, A. Cadenato, J.M. Salla, J.M. Moranchó, A. Vallés, L. Contat, A. Ribes	Thermal degradation of polypropylene/starch-based materials with enhanced biodegradability	0141-3910	POLYMER DEGRADATION AND STABILITY	86	3	483	491	ELSEVIER SCI LTD	31/12/2004
21424	J.I. Iribarren Laco	Crystal structures of poly(n-methylen-di-O-methyl-L-tartaramide)s with n=3,5,7 and 9	0032-3861	POLYMER	45	21	7025	7033	ELSEVIER SCI LTD	30/09/2004
21601	L. Salvany, M. Chiva, C. Arnan, J. Ausió, J.A. Subirana, N. Saperas	Mutation of the small acid tract A1 drastically reduces nucleoplasmin activity	0014-5793	FEBS LETTERS	576	3	353	357	ELSEVIER SCIENCE BV	31/10/2004
21606	O. Gibert, J. de Pablo, J.L. Cortina, C. Ayora	Chemical characterisation of natural organic substrates for biological mitigation of acid mine drainage	0043-1354	WATER RESEARCH	38	19	4186	4196	PERGAMON-ELSEVIER SCIENCE LTD	31/10/2004
21659	A. Bonsfills; L.Puigjaner	Batch Distillation: simulation and experimental validation	0255-2701	CHEMICAL ENGINEERING AND PROCESSING	43	10	1239	1252	ELSEVIER SCIENCE SA	01/10/2004
21680	D. Curcó, C. Alemán	Theoretical strategy to provide atomistic models of comblike polymers: A generation algorithm combined with configurational bias	0021-9606	JOURNAL OF CHEMICAL PHYSICS	121	19	9744	9752	AMER INST PHYSICS	30/11/2004
21684	L. Urpí, M. Martínez-Palau, M. Font, J. Puiggali	1,4-Bis(chloroacetoxy)butane	0108-2701	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	60	12	847	849	MUNKSGAARD INT PUBL LTD	01/12/2004
21685	S. Gestí, A. Almontassir, M.T. Casas, J. Puiggali	Molecular packing and crystalline morphologies of biodegradable poly(alkylene dicarboxylate)s derived from 1,6-hexanediol	0032-3861	POLYMER	45	25	8845	8861	ELSEVIER SCI LTD	31/12/2004
21686	J.Ciurana; C.Riba; M.L. G-Romeu	Computer application to aid the unidirectional functional dimensioning and tolerancing sythesis	0264-4401	ENGINEERING COMPUTATIONS	21	5	455	469	MCB UNIV PRESS LTD	30/09/2004
21697	E.S. Sanzana, S. Suso, M.P. Ginebra, J.A. Planell, P.A. Torres	Cementos y vidrios basados en fosfatos de calcio como sustitutos óseos en defectos cavitarios experimentales	0482-5985	Revista de ortopedia y traumatología	48	2	63	63	Garsi	30/09/2004
21708	Francisco Gómez, Robert Quintana, Antxon Martínez De Iarduya, Elisabet Rudé, Sebastián Muñoz-Guerra	Poly(butylene terephthalate-co-5-tert-butyl isophthalate) copolyesters: Synthesis, characterization, and properties	0887-624X	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	43	1	92	100	JOHN WILEY & SONS INC	01/01/2005
21770	X. Ramis, Y. Calventus, A. Cadenato, F. Roman, J.M. Moranchó, P. Colomer, J.M. Salla, S. Montserrat	Mechanical, dielectric and enthalpic relaxation of a thermosetting powder coating based on carboxyl-terminated polyester and triglycidylisocyanurate	0300-9440	PROGRESS IN ORGANIC COATINGS	51	2	139	144	ELSEVIER SCIENCE SA	30/11/2004
21902	Robert Griñó and Ramon Costa-Castelló	Digital repetitive plug-in controller for odd-harmonic periodic references and disturbances	0005-1098	AUTOMATICA	41	1	153	157	PERGAMON-ELSEVIER SCIENCE LTD	31/01/2005
21921	Y. Bolea, A. Grau, A. Pelissier, A. Sanfeliu	Structural Pattern Recognition for Industrial Machine Sounds based on Frequency Spectrum Analysis	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3287		287	295	SPRINGER-VERLAG BERLIN	31/10/2004
21926	M. Muñoz, J. Arnaldos, J. Casal, E. Planas	Analysis of the geometric and radiative characteristics of hydrocarbon pool fires	0010-2180	COMBUSTION AND FLAME	139		263	277	ELSEVIER SCIENCE INC	30/09/2004
21930	N. Gasulla, J.J. Palma, A. Ventosa, A. Magarolas, E. Planas	Análisis de la explosión de una cisterna de gas natural licuado en Tivissa (Tarragona): lecciones extraídas	1134-0304	Emergencia 112		54	15	21	Asociación Profesional de Técnicos de Bomberos	31/10/2004
21979	R. Costa, L. Basañez	Planificación de Movimientos y Control de Fuerza en Entornos Multi-Robot	1697-7912	Revista iberoamericana de automática e informática industrial	1	3	1	14	Comité Español de Automática	31/10/2004
22082	Bravo Guil, Eduardo; P.A.Milne, et al.	Unified one-dimensional simulations of gamma-ray line emission from type Ia supernovae	0004-637X	ASTROPHYSICAL JOURNAL	613		1101	1119	UNIV CHICAGO PRESS	31/10/2004
22198	Clos Costa, D.; Puig Ortiz, J.	PAM, un programa de simulación de mecanismos de n grados de libertad enfocado a la docencia universitaria	0212-5072	Anales de ingeniería mecánica	15	1	757	765	Asociación Española de Ingeniería Mecánica	31/12/2004

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22200	Benquillou, C., Graells, M., Musulin, E., Puigjaner, L.	Design and Retrofit of Reliable Sensor Networks	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	43	25	8026	8036	AMER CHEMICAL SOC	31/12/2004
22220	Quintero Riaza, H. F.; Cardona Foix, S.; Jordi Nebot, L.	Estudio de la curva base en los engranajes no circulares	0212-5072	Anales de ingeniería mecánica	15	3	1705	1710	Asociación Española de Ingeniería Mecánica	31/12/2004
22221	Pastor, R.; Corominas, A.; Lusa, A.	Different ways of modelling and solving precedence and incompatibility constraints in the Assembly Line Balancing Problem	0922-6389	Frontiers in artificial intelligence and applications	113		359	366	Springfield	31/10/2004
22239	Cors, J.M.; Llibre, J.; Ollé, M.	Central configurations of the planar coorbital satellite problem	0923-2958	CELESTIAL MECHANICS & DYNAMICAL ASTRONOMY	89	4	319	342	KLUWER ACADEMIC PUBL	01/12/2004
22276	Battle, J.A.; Font Llagunes, J.M.; Escoda, J.	Guiado de un robot móvil con cinemática de triciclo	0212-5072	Anales de ingeniería mecánica	15	4	2981	2986	Asociación Española de Ingeniería Mecánica	31/12/2004
22277	Font Llagunes, J.M.; Battle, J.A.	Posicionamiento láser dinámico de robots móviles mediante ángulos absolutos	0212-5072	Anales de ingeniería mecánica	15	4	3003	3008	Asociación Española de Ingeniería Mecánica	31/12/2004
22278	M. Sararóls Figueras, A. Pérez Madrigal, J. Martínez Miralles	Modelo dinámico para el estudio de comportamiento de una motocicleta en 3D	0212-5072	Anales de ingeniería mecánica	1	15	341	347	Asociación Española de Ingeniería Mecánica	31/12/2004
22280	P. Martí, J. Yépez, M. Velasco, R. Villà, J.M. Fuertes	Managing Quality of Control in Network Based Control Systems by Controller and Message Scheduling Co-Design	0278-0046	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	51	6	1159	1167	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	31/12/2004
22293	S. Padilla, M. Vallet-Regí, M.P. Ginebra, F.J. Gil	Processing and mechanical properties of hydroxyapatite pieces obtained by the gelcasting method	0955-2219	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	25	4	375	383	ELSEVIER SCI LTD	30/04/2005
22298	Majo, Mª Antonia; Abdellilah Alla; Bou, Jordi; Herranz, Concepcion; Muñoz-Guerra, Sebastian	Synthesis and characterization of polyamides obtained from tartaric acid and l-lysine	0014-3057	EUROPEAN POLYMER JOURNAL	40		2699	2708	PERGAMON-ELSEVIER SCIENCE LTD	01/12/2004
22300	R. Tomás, J. Illa, M. Rovira, V. Martí	Reducción de materia orgánica y nutrientes en aguas prepotables mediante lecho de macrofitas. Experiencia en el lago de la Agulla de Manresa	0211-8173	Tecnología del agua		254	38	47	Prensa XXI	30/11/2004
22323	Jiménez P., R. Parra, S. Gassó and J.M. Baldasano	Modeling the ozone weekend effect in very complex terrains: a case study in the northeastern Iberian Peninsula	0004-6981	Atmospheric environment	39		429	444	Pergamon Press	31/01/2005
22324	Jiménez P., J.M. Baldasano	Ozone Response to Precursor Controls in Very Complex Terrains: the Use of Photochemical Indicators to Assess O3-NOx-VOC Sensitivity in the Northeastern Iberian Peninsula	0148-0227	JOURNAL OF GEOPHYSICAL RESEARCH	109	D20309	D20309	20	AMER GEOPHYSICAL UNION	31/10/2004
22327	A. Sastre, J. Szymanowski	Discussion of the physicochemical effects of modifiers on the extraction properties of hydroxyoximes. A review	0736-6299	SOLVENT EXTRACTION AND ION EXCHANGE	22	5	737	759	MARCEL DEKKER INC	30/09/2004
22383	Delshams, A.; Gutiérrez, P.	Exponentially small splitting for whiskered tori in hamiltonian systems: continuation of transverse homoclinic orbits	1078-0947	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS	11	4	757	783	Southwest Missouri State University	31/12/2004
22384	Delshams, A.; Gutiérrez, P.; Martínez-Seara, T.	Exponentially small splitting for whiskered tori in hamiltonian systems: flow-box coordinates and upper bounds	1078-0947	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS	11	4	785	826	Southwest Missouri State University	31/12/2004
22410	Calderon-Moreno JM, Schehl M	Microstructure after superplastic creep of alumina-zirconia composites prepared by powder alcoxide mixtures	0955-2219	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	24	2	393	397	ELSEVIER SCI LTD	31/10/2004
22415	Qiu LH, Pol VG, Calderon-Moreno J, Gedanken A	Synthesis of tin nanorods via a sonochemical method combined with a polyol process	1350-4177	ULTRASONICS SONOCHEMISTRY	12	4	243	247	ELSEVIER SCIENCE BV	01/03/2005
22416	Li HL, Wang RH, Hong Q, Chen LW, Zhong ZY, Koltypin Y, Calderon-Moreno J, Gedanken A	Ultrasound-assisted polyol method for the preparation of SBA-15-supported ruthenium nanoparticles and the study of their catalytic activity on the partial oxidation of methane	0743-7463	LANGMUIR	20	19	8352	8356	AMER CHEMICAL SOC	31/10/2004
22417	Calderon-Moreno JM, Yoshimura M	Microstructure and mechanical properties of quasi-eutectic Al2O3-Y3Al5O12-ZrO2 ternary composites rapidly solidified from melt	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	1246	1249	1246	1249	ELSEVIER SCIENCE SA	31/10/2004
22418	Calderon-Moreno JM, Yoshimura M	Y3Al5O12(YAG)-ZrO2 binary eutectic composites obtained by melt quenching	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	375-377		1250	1254	ELSEVIER SCIENCE SA	31/10/2004
22420	Calderon Moreno JM	Stabilization of undoped tetragonal zirconia in alumina-zirconia composites using rapid eutectic solidification	1013-9826	Key engineering materials	264-268		769	772	Trans Tech Publications	31/12/2004
22421	Calderon Moreno, JM	Raman spectra of zirconia substituted yttria solid solutions	1013-9826	Key engineering materials	264-268		1373	1376	Trans Tech Publications	31/12/2004
22422	Raileanu M, Popa M, Moreno JMC, Zaharescu M	Raileanu M, Popa M, Moreno JMC, Zaharescu M	1013-9826	Key engineering materials	264-268		411	414	Trans Tech Publications	31/12/2004
22423	Saldana JM, Moreno JMC, Schneider GA	90 degrees domain configuration and lateral domain wall motion in BaTiO3 evaluated by secondary electron microscopy	1013-9826	Key engineering materials	264-268		1185	1188	Trans Tech Publications	31/12/2004
22425	Calderon Moreno, JM	Nanostructured composite obtained by rapid eutectic solidification	1013-9826	Key engineering materials	264-268		2315	2318	Trans Tech Publications	31/12/2004
22426	Pol VG, Pol SV, Gofer Y, Calderon-Moreno J, Gedanken A	Thermal decomposition of tetraethylorthosilicate (TEOS) produces silicon coated carbon spheres	0959-9428	JOURNAL OF MATERIALS CHEMISTRY	14	6	966	969	ROYAL SOC CHEMISTRY	31/10/2004
22427	Popa M, Calderon-Moreno JM	Crystallization of silica-rich glasses prepared by sol-gel in the system alumina-silica-zirconia	0366-3175	BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO	43	1	63	66	SOCIEDAD ESPANOLA CERAMICA VIDRIO	31/10/2004
22428	Pol VG, Motiei M, Gedanken A, Calderon-Moreno J, Yoshimura M	Carbon spherules: synthesis, properties and mechanistic elucidation	0008-6223	CARBON	42	1	111	116	PERGAMON-ELSEVIER SCIENCE LTD	31/10/2004
22491	Antoni Roca Rosell	Bernard P. Cronin. "technology, Industrial Conflict and the Development of Technical Education in 19th-Century England	1132-7200	REVISTA DE HISTORIA INDUSTRIAL		25	209	214	DEPARTAMENT DE HISTORIA E INSTITUCIONS ECONÓMIQUES DE LA UNIVERSITAT DE BARCELONA	31/10/2004
22621	F. Calviño; G. Cortés; A. Poch; C. Pretel	Neutron Capture Cross Section Measurement of 151Sm at the CERN Neutron Time of Flight Facility (n_TOF)	0031-9007	PHYSICAL REVIEW LETTERS	93	16	1103	1104	AMERICAN PHYSICAL SOC	31/10/2004

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22626	F. Calviño; G. Cortés; A. Poch; C. Pretel	Time-energy relation of the n TOF neutron beam: energy standards revisited	0168-9002	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SP	A	532	622	630	ELSEVIER SCIENCE BV	31/10/2004
22718	M. G. Garcia-Martín, M. Garcia-Alvarez, A. Martínez de Ilarduya, L. Campos, J. A. Galbis, S Muñoz-Guerra	Synthesis and secondary structure of oligo(alpha-isobutyl beta,L-aspartate)s	0006-3525	BIOPOLYMERS	77	2	121	127	JOHN WILEY & SONS INC	28/02/2005
22729	Mirats, J.M.; Cellier, F.E.; Huber, R.	Reconstruction Analysis-based Algorithm to Decompose a Complex System into Subsystems	0308-1079	INTERNATIONAL JOURNAL OF GENERAL SYSTEMS	33	5	527	551	GORDON BREACH SCI PUBL LTD	31/10/2004
22758	F. Corcho, J. Canto, J.J.Perez	Comparative analysis of the conformational profile of substance P using simulated annealing and molecular dynamics	0192-8651	JOURNAL OF COMPUTATIONAL CHEMISTRY	25	16	1937	1952	JOHN WILEY & SONS INC	01/12/2004
22827	Montserrat Garcia-Alvarez, José Alvarez, Abdelilah Aila, Antxon Martínez de Ilarduya, Concepción Herranz, Sebastián Muñoz-Guerra	Comb-Like Ionic Complexes of Cationic Surfactants with Bacterial Poly(gamma-glutamic acid) of Racemic Composition	1616-5187	Macromolecular bioscience (Print)	5	1	30	38	Wiley-VCH	31/01/2005
22833	Iribarren Laco, José Ignacio; Aleman Llanso, Carlos Enrique; Bilurbina Alter, Luis; Armelin, Elaine Aparecida	Influencia del medio ambiente en la corrosión del acero. Analisis de dos modelos matematicos	0212-5072	Anales de ingeniería mecánica	1		539	541	Asociación Española de Ingeniería Mecánica	31/12/2004
22838	Badell, M., Fernández, E., Bautista, J., Puigjaner, L.	Empowering Tradeoff in Joint Financial & Supply Chain Scheduling & Planning Modeling	1573-4196	Lecture Series on Computer and Computational Sciences	1	11	653	656	Brill Academic Publishers	30/11/2004
22855	Badell, M., Romero, J., Puigjaner, L.	Optimal budget and cash flows during retrofitting periods in batch chemical process industries	0925-5273	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	95		359	372	ELSEVIER SCIENCE BV	31/01/2005
22858	P.F. Mastinu; F. Calviño; G. Cortés; A. Poch; C. Pretel	A Low-Mass Neutron Flux Monitor for the n TOF neutron beam: energy standards revisited	0103-9733	Brazilian journal of physics	34	3A	914	918	Sociedade Brasileira de Física	30/09/2004
22902	D. Curcó, M. Laso, C. Alemán	Generation-relaxation algorithms to construct representative atomistic models of amorphous polymers: influence of the relaxation method	1520-6106	JOURNAL OF PHYSICAL CHEMISTRY B	108	52	20331	30229	American Chemical Society	31/12/2004
22918	Franch, X; Botella, P.	Lenguajes de Modelización de Procesos de Software basados en UML	0211-2124	NOVÁTICA		171	27	31	Asociación de Técnicos de Informática	30/09/2004
22919	Franch, X; Botella, P.	Software Process Modelling Languages Based on UML	1684-5285	UPGRADE	V	5	34	39	http://www.upgrade-cepis.org/	31/10/2004
22953	J. Pedra, F. Corcoles, F. J. Suelves	Effects of balanced and unbalanced voltage sags on VSI-fed adjustable-speed drives	0885-8977	IEEE TRANSACTIONS ON POWER DELIVERY	20	1	224	233	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	31/01/2005
23030	JUAN A. CARRASCO	TRANSIENT ANALYSIS OF SOME REWARDED MARKOV MODELS USING RANDOMIZATION WITH QUASISTATIONARITY DETECTION	0018-9340	IEEE TRANSACTIONS ON COMPUTERS	53	9	1106	1120	IEEE COMPUTER SOC	30/09/2004
23032	V.G. Garcia, J.M. Cabrera y J.M. Prado	Predicting multiple peak dynamic recrystallization of copper	0255-5476	MATERIALS SCIENCE FORUM	467-470		1181	1186	TRANS TECH PUBLICATIONS LTD	31/10/2004
23169	Anglada Gomila, Marcos Juan	Micro-Structural Characterization and Stress-corrosion Cracking Behavior of a FGM Glass-based Coating on Ti6Al4V for Biomedical Applications	0255-5476	MATERIALS SCIENCE FORUM	492-493		229	234	TRANS TECH PUBLICATIONS LTD	31/01/2005
23190	E. Fernández, M. D. Vlada, M. M. Gela, J. López, R. Torres, J. V. Cauichb, M. Bohner	Modulation of porosity in apatitic cements by the use of a-tricalcium phosphate?calcium sulphate dihydrate mixtures	0142-9612	BIOMATERIALS	26	17	3395	3404	ELSEVIER SCI LTD	01/06/2005
23191	J.M. Fontdecaba; F. Castejón; R. Balbin; D. López-Bruna; S. Yakovlevich; F. Albajar; G. Cortés; J. Dies; J. Garcia; J. Izquierdo; J. Fontanet	Energy-resolved neutral particle fluxes in TJ-II ECRH plasmas	1536-1055	FUSION SCIENCE AND TECHNOLOGY	46	2	271	278	AMER NUCLEAR SOCIETY	01/09/2004
23192	E. Fernández, S. Sardab, M. Hamcerencua, M.D. Vlada, M. Gela, S. Valls, R. Torres, J. López	High-strength apatitic cement by modi-cation with superplasticizers	0142-9612	BIOMATERIALS	26	15	2289	2296	ELSEVIER SCI LTD	31/05/2005
23294	C. Gaviña, E. Fossas, R. Griño	Robust controller for a full-bridge rectifier using the IDA approach and GSSA modeling	1057-7122	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS	52	3	609	616	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	31/03/2005
23296	Jan Graffelman	Enriched biplots for canonical correlation analysis	0266-4763	JOURNAL OF APPLIED STATISTICS	32	2	173	188	CARFAX PUBLISHING	30/04/2005
23298	L. Sainz, J. Pedra, M. Caro	Steinmetz circuit influence on the electric system harmonic response	0885-8977	IEEE TRANSACTIONS ON POWER DELIVERY	20	2	1143	1150	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	30/04/2005
23299	L. Sainz, J. Pedra, S. Herraiz	Capacitor and shunt filter influence in the electric system harmonic response	0885-8977	IEEE TRANSACTIONS ON POWER DELIVERY	20	2	1522	1531	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	30/04/2005
23301	J. Pedra, L. Sainz, F. Corcoles, L. Guasch	Symmetrical and unsymmetrical voltaje sag effects on three-phase transformers	0885-8977	IEEE TRANSACTIONS ON POWER DELIVERY	20	2	1683	1691	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	30/04/2005
23308	C. Mas, A. Mantecón, A. Serra, X. Ramis, J.M. Salla	Improved Thermoset Obtained from Cycloaliphatic Epoxy Resins and gamma-Butyrolactone with Lanthanide Triflates as Initiators. I. Study of Curing by Differential Scanning Calorimetry and Fourier Transform Infrared	0887-624X	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	43	11	2337	2347	JOHN WILEY & SONS INC	31/01/2005
23328	E. Staffetti, A. Grau, F. Serratos, A. Sanfeliu	Object and image indexing based on region connection calculus and oriented matroid theory	0166-218X	DISCRETE APPLIED MATHEMATICS	147	2-3	345	361	ELSEVIER SCIENCE BV	30/04/2005
23329	A. Grau, Y. Bolea, J. Domingo	Sistemas d'autocalització en robotica mobil (I)	1137-0017	Informatiu Thek. - Col.legi d'Enginyers Tècnics Industrials de Barcelona		87	23	25	Col.legi d'Enginyers Tècnics Industrials de Barcelona	31/03/2005
23337	Franco M. Rabagliati, Rodrigo A. Cancino, Antxon Martínez de Ilarduya and Sebastián Muñoz-Guerra	Homo- and copolymerization of styrene and 1-alkene using Ph2Zn-Et(Ind)2ZrCl2-MAO initiator systems	0014-3057	EUROPEAN POLYMER JOURNAL	41	5	1013	1019	PERGAMON-ELSEVIER SCIENCE LTD	31/05/2005
23338	F. Reventós; C. Pretel; L. Batet	Simbiosis entre simuladores de formación y simuladores de ingeniería. Actividades del grupo de análisis dinámico de sistemas nucleares de la UPC en el ámbito en el periodo 1992-2002.	1136-7806	Seguridad nuclear		33	2	10	Consejo de Seguridad Nuclear	31/12/2004

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23344	F. Calviño; G. Cortés; C. Pretel; A. Poch	The data acquisition system of the neutron time-of-flight facility n- TOF at CERN	0168-9002	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SP	A	538	692	702	ELSEVIER SCIENCE BV	28/02/2005
23358	Guilén, G., Bagajewicz, M., Sequeira, S.E., España, A., Puigjaner, L.	Management of Pricing Policies and Financial Risk as a Key Element for Short Term Scheduling Optimization	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	44		557	575	AMER CHEMICAL SOC	31/01/2005
23359	Guilén, G., Mele, F.D., Bagajewicz, España, A., Puigjaner, L.	Multiobjective supply chain design under uncertainty	0009-2509	CHEMICAL ENGINEERING SCIENCE	60		1535	1553	PERGAMON-ELSEVIER SCIENCE LTD	31/01/2005
23360	Bonsfills, A., España, A., Puigjaner, L.	Addressing Robustness in Scheduling Batch Processes with Uncertain Operation Times	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	44	5	1524	1534	AMER CHEMICAL SOC	31/01/2005
23365	C. Badenes, K.J. Borkowski, E. Bravo	THERMAL X-RAY EMISSION FROM SHOCKED EJECTA IN TYPE IA SUPERNOVA REMNANTS. II. PARAMETERS AFFECTING THE SPECTRUM	0004-637X	ASTROPHYSICAL JOURNAL	624		198	212	UNIV CHICAGO PRESS	31/05/2005
23366	D. García-Senz, E. Bravo	TYPE IA SUPERNOVA MODELS ARISING FROM DIFFERENT DISTRIBUTIONS OF IGNITING POINTS	0004-6361	ASTRONOMY AND ASTROPHYSICS	430		585	602	SPRINGER-VERLAG	31/01/2005
23379	Ramon Costa-Castelló and Jordi Nebot and Robert Griño	Demonstration of the Internal Model Principle by Digital Kinetic Studies on the Thermal Polymerization of N-Chloroacetyl-11-aminoundecanoate Potassium Salt	0018-9359	IEEE TRANSACTIONS ON EDUCATION	48	1	73	78	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	28/02/2005
23384	X. Ramis, J.M. Salla, J. Puiggalí		0887-624X	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	43	6	1166	1176	JOHN WILEY & SONS INC	31/03/2005
23395	S. Herranz, L. Sainz, F. Córcoles, J. Pedra	A unified and simple model for uncontrolled rectifiers	0378-7796	ELECTRIC POWER SYSTEMS RESEARCH	74	3	331	340	ELSEVIER SCIENCE SA	30/06/2005
23401	A. Sudrià, S. Galceran, O. Gomis	La mecánica, un nuevo paradigma.	0213-3113	Automática e instrumentación		355	43	46	CETISA	31/10/2004
23411	Natalia Sánchez-Arrieta, Antxon Martínez de Ilarduya, Abdelilah Alla and Sebastián Muñoz-Guerra	Poly(ethylene terephthalate) copolymers containing 1,4-cyclohexane dicarboxylate units	0014-3057	EUROPEAN POLYMER JOURNAL	41	7	1493	1501	PERGAMON-ELSEVIER SCIENCE LTD	31/07/2005
23413	E. Gutiérrez, J. Motjé, O. Gomis, A. Sudrià	Máquinas de CNC y sistemas CAM	0213-3113	Automática e instrumentación		357	2	9	CETISA	31/12/2004
23414	O. Gomis, A. Sudrià, D. Montesinos	Primera cumbre Rexroth de tecnología global	0213-3113	Automática e instrumentación		359	34	36	CETISA	28/02/2005
23415	Musulini, E., Benqilou, C., Bagajewicz, M., Puigjaner, L.	Instrumentation design based on optimal Kalman filtering	0959-1524	JOURNAL OF PROCESS CONTROL	15	6	629	638	ELSEVIER SCI LTD	31/03/2005
23424	J.A. Subirana	The Structures of DNA	0368-8283	Memorias de la Real Academia de Ciencias de Artes de Barcelona	62	1	1	23	Real Academia de Ciencias y Artes de Barcelona	31/05/2005
23430	Galán, Sebastián Muñoz-Guerra	Acylated and hydroxylated polyamides derived from L-tartaric acid	0032-3861	POLYMER	46		2854	2861	ELSEVIER SCI LTD	01/03/2005
23434	F.J. Suelves	Inspección automática de soldaduras por puntos	0213-3113	Automática e instrumentación		355	61	62	CETISA	31/10/2004
23435	F.J. Suelves	La medida del pH	0213-3113	Automática e instrumentación		358	84	94	CETISA	31/01/2005
23443	D. Gasa, I. Garrido, R. Costa, L. Basañez	Plataforma de Ensayo Remoto de Controladores Basados en Automatas Finitos	1697-7912	Revista iberoamericana de automática e informática industrial	2	2	1	9	Comité Español de Automática	30/04/2005
23449	Albert Corominas, Amaia Lusa, Rafael Pastor	Characteristics and classification of the annualised workings hours planning problems	1460-6720	International Journal of Services Technology and Management	5	5/6	435	447	Inderscience	31/12/2004
23455	F.J. Suelves	Reguladores y detectores de nivel	0213-3113	Automática e instrumentación		356	81	93	CETISA	30/11/2004
23467	Albert Corominas, Amaia Lusa, Rafael Pastor	Annualised Hours: A Real Flexibility Tool	0953-5543	OR Insights	18	1	10	14	Operational Research Society	31/03/2005
23469	A. Sudrià, S. Galceran, D. Montesinos	La electrónica de potencia, una tecnología estratégica.	0213-3113	Automática e instrumentación		361	53	61	CETISA	30/04/2005
23470	F. Blaabjerg, R. Villafáfila, P. Theogersen, S. Galceran	Convertidores de frecuencia:retos y aplicaciones futuras.	0213-3113	Automática e instrumentación		361	63	67	CETISA	30/04/2005
23472	Alberich, M.	Plane Cremona maps, exceptional curves and roots.	0002-9947	TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY	357	5	1901	1914	AMER MATHEMATICAL SOC	31/03/2005
23473	Alberich, M.; Roé, J.	Enriques Diagrams and Adjacency of Planar Curve Singularities	0008-414X	CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES	57	1	3	16	CANADIAN MATHEMATICAL SOC	31/03/2005
23474	Blasco, J.; Codina, R.	Error estimates for an operator-splitting method for incompressible flows	0168-9274	APPLIED NUMERICAL MATHEMATICS	51	1	1	17	ELSEVIER SCIENCE BV	31/10/2004
23476	Koltsova, O.; Lerman, L.; Delshams, A.; Gutiérrez, P.	Homoclinic orbits to invariant tori near a homoclinic orbit to center-center-saddle equilibrium	0167-2789	PHYSICA D	201	3-4	268	290	ELSEVIER SCIENCE BV	28/02/2005
23477	Delshams, A.; Giorgilli, A.	Hamiltonian systems and applications	1078-0947	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS	11	4	1	1	Southwest Missouri State University	31/12/2004
23491	Antoni Grau, Yolanda Bolea	Sistemas de localización en robótica móvil (II): el filtro de Kalman	1137-0017	Informatiu Thek. - Col.legi d'Enginyers Tècnics Industrials de Barcelona		88	23	25	Col.legi d'Enginyers Tècnics Industrials de Barcelona	30/04/2005
23492	Marc Barracó, Maria Angels Adrià, Ricard Torres, Pere Surià	Determinación de caudales de aguas residuales(1)	0210-184X	M.I. Montajes e instalaciones	35	390	46	50	Alción	31/01/2005
23493	Marc Barracó, Maria Angels Adrià, Ricard Torres, Pere Surià	Determinación de caudales de aguas residuales (II)	0210-184X	M.I. Montajes e instalaciones			138	142	Alción	28/02/2005
23496	Anglada Gomila, Marcos Juan; Mateo Garcia, Antonio	Influencia de la fase sigma en la laminación en frío de aceros inoxidables dúplex	0366-3175	BOLETIN DE LA SOCIEDAD ESPANOLA DE CERAMICA Y VIDRIO	43	2	155	158	SOCIEDAD ESPANOLA CERAMICA VIDRIO	30/11/2004
23499	Bosch Tous, Ricardo	Los técnicos piden no soterrar la línea de Bescanó.	1133-4940	La Vanguardia (1978)			6	6	La Vanguardia	31/05/2005
23511	Botella Lopez, Pere	Reflexiones sobre la investigación en Ingeniería del Software	0211-2124	NOVÁTICA		173	55	56	Asociación de Técnicos de Informática	31/01/2005
23514	E. Padrós, J.L. Padrós, M. Creus, J.Rodríguez, J.M Manero	Un nuevo método de acondicionamiento, desinfección y obturación en endodoncia	1130-9903	Endodoncia	2	3	162	175	Ediciones Ergon S.A.	31/07/2005

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23516	J.M. Salla, J.M. Moranchó, X. Ramis, A. Cadenato	Isothermal Degradation and Thermooxidative Degradation of an Epoxy Powder Coating	1388-6150	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	80	1	163	169	KLUWER ACADEMIC PUBL	31/03/2005
23519	A. Martínez Esparza, M.A. Cuiñado, J.A. Gago, J. Quiñones, E. Iglesias, J. Cobos, A. González de la Huebra, E. Cera, J. Merino, J. Bruno, J. de Pablo, I. Casas, F. Clarens, J. Giménez	Development of a Matrix Alteration Model (MAM)	1134-380X	ENRESA Empresa Nacional de Residuos Radiactivos			1	101	ENRESA	31/01/2005
23520	Frederic Clarens, Joan de Pablo, Ismael Díez-Pérez, Ignasi Casas, Francisco Javier Giménez, Miquel Rovira	Formation of studtite during the oxidative dissolution of UO2 by hydrogen peroxide: a SFM study	0013-936X	ENVIRONMENTAL SCIENCE & TECHNOLOGY	38	24	6656	6661	AMER CHEMICAL SOC	31/12/2004
23521	L. Perna, J. Jernström, L. Aldave, J. de Pablo, M. Betti	Characterization of an Irish Sea radioactively contaminated marine sediment core by radiometric and mass spectrometric techniques	0236-5731	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	263		367	373	KLUWER ACADEMIC PUBL	31/01/2005
23532	Pau Casals Torrens	El nuevo Reglamento Electrotécnico de Baja Tensión y los cables con propiedades especiales ante el fuego	FICT-0358	IMQ Informa	Año XIV	101	5	5	IMQ S.p.A.	31/01/2005
23539	BAUTISTA, J.; PEREIRA, J.	Ant Algorithms for Urban Waste Collection Routing	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE		3172	302	309	SPRINGER-VERLAG BERLIN	30/09/2004
23545	Roca Rosell, Antonio	Visionaris o Científics? La Vida a Mart	1133-3987	METODE: REVISTA DE DIFUSIO DE LA INVESTIGACIO DE LA UNIVERSITAT DE VALENCIA		44	95	98	Vice-rectorat de Relacions Exteriors, Vice-rectorat d'Investigació, Universitat de València	28/02/2005
23565	C. Seguí, E. Cesari, J. Font, J. Muntaell, V.A. Chernenko	Martensite stabilization in a high temperature Ni-Mn-Ga alloy	1359-6462	SCRIPTA MATERIALIA		53	315	318	PERGAMON-ELSEVIER SCIENCE LTD	01/05/2005
23567	Roca Rosell, Antonio	Einstein, del mito a la persona	1579-427X	La Aventura de la Historia		78	83	87	Arlanza Ediciones, S.A.	30/04/2005
23593	Carne Arnan, Cèlia Prieto, Manel Chiva, Lara Salvany, Juan Ausió, Juan A. Subirana, Núria Saperas	Analysis of the stability and function of nucleoplasmin through cysteine mutants	0003-9861	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	437	2	205	214	ACADEMIC PRESS INC	31/05/2005
23594	N. Valls, J.A. Subirana	Crystalline DNA structures stabilized by transition metals	0739-1102	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	22	6	783	783	ADENINE PRESS INC	30/06/2005
23595	L. Urpí, J.L. Campos, N. Valls, T. Sanmartín, E. Alechaga, R. Baldini, D. De Luchi, M. Richter, A. Santaolalla, C. Gouyette, J.A. Subirana	Structural features of A-T oligomers studied by X-ray crystallography	0739-1102	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	22	6	847	847	ADENINE PRESS INC	30/06/2005
23597	J.L. Campos, L. Urpí, T. Sanmartín, C. Gouyette, J.A. Subirana	DNA coiled coils	0027-8424	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AME	102	10	3663	3666	NATL ACAD SCIENCES	31/03/2005
23598	David Dominguez-Sal, Xavier Messeguer, J.A. Subirana	FibreHelix, a program for calculating the X-ray diffraction pattern of macromolecules with helical symmetry: application to DNA coiled coils	0907-4449	ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY	D61	2	203	206	MUNKSGAARD INT PUBL LTD	28/02/2005
23599	Sauzin, D.; M-Seara, T.	Two examples of resurgence	0271-4132	Contemporary Mathematics		373	355	371	?	30/04/2005
23600	Delshams, A.; Lázaro, T.	Pseudo-normal form near saddle-center or saddle-focus equilibria	0022-0396	JOURNAL OF DIFFERENTIAL EQUATIONS	208	2	312	343	ACADEMIC PRESS INC	31/01/2005
23618	VIVANCOS CALVET, J.; LUIS PEREZ, C.J.; COSTA HERRERO, L.; ORTIZ MARZO, J. A.	Optimal machining parameters selection in high speed milling of hardened steels for injection moulds.	0924-0136	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	155-156		1505	1512	ELSEVIER SCIENCE SA	30/11/2004
23628	Fabregat, J.; Ros, R.M	Llevando la ciencia a la sociedad mediante diversos proyectos	1576-5199	Educación y futuro		11	169	176	Centro Universitario Don Bosco.	31/10/2004
23632	E. Fulladosa, JC Murat, M. Martínez, I.Villaescusa	Patterns of metals and arsenic poisoning in vibrio fisheri bacteria	0045-6535	CHEMOSPHERE	60		43	48	PERGAMON-ELSEVIER SCIENCE LTD	28/02/2005
23633	García, I.; Magret, D.; Tarragona, S.	Relationship between versal deformations under different equivalence relations in the space of singular systems	1109-2734	WSEAS Transactions on Circuits	3	10	2217	2222	?	31/12/2004
23636	M. Vera, M. Admetlla, A. Rodríguez-Galán, J. Puiggali	Synthesis, characterization and degradation studies on the series of sequential poly(ester amide)s derived from glycolic acid, 1-6-hexanediamine and laiphatic dicarboxylic acids	0141-3910	POLYMER DEGRADATION AND STABILITY	89	1	21	32	ELSEVIER SCI LTD	31/07/2005
23637	J. Puiggali, J.A. Subirana	Synthetic polymers containing alpha-amino acids: from polyamides to poly(ester amide)s	1075-2617	JOURNAL OF PEPTIDE SCIENCE	11	5	247	249	JOHN WILEY & SONS LTD	31/05/2005
23638	M. Martínez-Palau, L. Urpí, M. Font-Bardia, J. Puiggali	N,N'-Butane-1,4-diyl bis(bromoacetamide)	0108-2701	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	C61	6	345	347	MUNKSGAARD INT PUBL LTD	30/06/2005
23668	M.D. Martínez, X. Lana, A.M. Posadas, L. Pujades	Statistical distribution of elapsed times and distances of seismic events: the case of the Southern Spain seismic catalogue	1023-5809	NONLINEAR PROCESSES IN GEOPHYSICS	12		235	244	EUROPEAN GEOSCIENCES UNION	28/02/2005
23669	X. Lana, M.D. Martínez, A.M. Posadas, J.A. Canas	Fractal behaviour of the seismicity in the Southern Iberian Peninsula	1023-5809	NONLINEAR PROCESSES IN GEOPHYSICS	12		353	361	EUROPEAN GEOSCIENCES UNION	28/02/2005
23670	M. Martínez-Palau, J. Puiggali, X. Solans, L. Urpí	Butane-1,4-diyl bis(bromoacetate)	1600-5368	Acta Crystallographica Section E: Structure Reports Online	E61	4	1028	1031	Structure Repors Online	30/04/2005
23673	Jose M Baldasano	Kioto, Implicaciones y Oportunidades para España	1136-3878	Debats tecnològics		23	32	41	Colegi d'Enginyers Tècnics Industrials de Barcelona	31/01/2005
23704	Puerta, F.; Puerta, X.; Zaballa, I.	On the parametrization of the controllability subspaces of a controllable pair	0024-3795	LINEAR ALGEBRA AND ITS APPLICATIONS	401		429	444	ELSEVIER SCIENCE INC	31/05/2005
23707	Haro, J.	The Semiclassical Theory of Quantized Fields in Classical Electromagnetic Backgrounds	0035-001X	REVISTA MEXICANA DE FISICA ANNALES DE LA FONDATION LOUIS DE BROGLIE	50		553	561	SOCIEDAD MEXICANA DE FISICA	31/12/2004
23708	Haro, J.	Fermion Production by an External Field	0182-4295	REVISTA MEXICANA DE FISICA ANNALES DE LA FONDATION LOUIS DE BROGLIE	29	3	361	373	FONDATION LOUIS DE BROGLIE	31/10/2004
23709	Massa, M.R.; Grapi, P.	I Jornada sobre la Història de la Ciència i l'Ensenyament	1136-8519	Bulleti de la Societat Catalana de Història de la Ciència i de la Tècnica		20	2	2	?	31/10/2004

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23716	A. Vallés-Lluch, A. Martínez Felipe, A. Ribes Greus, A. Cadenato, X. Ramis, J.M. Salla, J.M. Morancho	Thermal Analysis Characterization of the Degradation of Biodegradable Starch Blends in Soil	0021-8995	JOURNAL OF APPLIED POLYMER SCIENCE	96	2	358	371	JOHN WILEY & SONS INC	30/04/2005
23717	M.T. Casas, S. Gestí, J. Puiggali	Structural data on the regular poly(ester amide)s derived from even diols, glycine and terephthalic acid	1528-7483	Crystal Growth & Design	5	3	1099	1107	ACS Publications	31/05/2005
23719	Ollé, M.; Pacha, J.R.; Villanueva, J.	Quantitative estimates on the normal form around a non semi-simple 1:-1 resonant periodic orbit	0951-7715	NONLINEARITY	18		1141	1172	IOP PUBLISHING LTD	31/05/2005
23720	Sanchez, P.; Jorba, A.	Unstable manifold computations for the two-dimensional plane Poiseuille flow	0935-4964	THEORETICAL AND COMPUTATIONAL FLUID DYNAMICS	18	2-4	285	299	SPRINGER-VERLAG	30/11/2004
23730	Libre, J.; Pantazi, Ch.	Counterexample to a conjecture on the algebraic limit cycles of polynomial vector fields	0046-5755	GEOMETRIAE DEDICATA	110	1	213	219	KLUWER ACADEMIC PUBL	28/02/2005
23732	Sanchez Casas, P.; Quintanilla, R.	Exponential stability in thermoelasticity with microtemperatures KAM theory without action-angle variables	0020-7225	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE	43	1-2	33	47	PERGAMON-ELSEVIER SCIENCE LTD	31/01/2005
23734	de la Llave, R.; González, A.; Jorba, A.; Villanueva, J.		0951-7715	NONLINEARITY	18	2	855	895	IOP PUBLISHING LTD	31/03/2005
23736	A. Sudrià, O. Gomis, D. Montesinos	La mecatrónica es algo realmente distinto.	0213-3113	Automática e instrumentación			362	48	CETISA	31/05/2005
23738	Ollé, M.; Pacha, J.R.; Villanueva, J.	Motion close to the Hopf Bifurcation Of the vertical family of periodic orbits of $S^1 \times S^1$	0923-2958	CELESTIAL MECHANICS & DYNAMICAL ASTRONOMY	90	1-2	87	107	KLUWER ACADEMIC PUBL	01/09/2004
23739	Tona, R.V., Benqlitou, C., Espuña, A., Puigjaner, L.	Dynamic Data Reconciliation Based on Wavelet Trend Analysis	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	44	12	4323	4335	AMER CHEMICAL SOC	30/06/2005
23741	LLibre, J.; Pantazi, Ch.	Polynomial differential systems having a given Darbouxian first integral	0007-4497	BULLETIN DES SCIENCES MATHÉMATIQUES	128	9	775	788	GAUTHIER-VILLARS/EDITIONS ELSEVIER	31/10/2004
23742	Guillermo de León; Pere Grima; Xavier Tort-Martorell	Experimentation order in Factorial designs with 8 or 16 Runs	0266-4763	JOURNAL OF APPLIED STATISTICS	32	3	297	313	CARFAX PUBLISHING	30/04/2005
23750	Rosell, J.; Basañez, L. Suárez, R.	Predicting Planar Motion Behaviour under Contact Uncertainty.	0169-1864	ADVANCED ROBOTICS			567	590	VSP BV	30/06/2005
23753	Suárez, J.; Rosell, J.	Feeding sequence selection in a manufacturing cell with four parallel machines	0736-5845	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	21	3	185	195	PERGAMON-ELSEVIER SCIENCE LTD	30/06/2005
23754	R. Céolin, J. Li. Tamarit, M. Barrio, D. O. López, P. Espeau, H. Allouchi, R. J. Papoular	Solid state studies of the C60. 2 (CH3)CCl3 solvate	0008-6223	CARBON	43	2	417	424	PERGAMON-ELSEVIER SCIENCE LTD	28/02/2005
23755	P. Espeu, R. Céolin, J.Li. Tamarit, M.A. Perrin, J.P. Gauchi, F. Levellier	Polymorphism of Paracetamol: Relative stabilities of the monoclinic and orthorhombic phases inferred from topological pressure-temperature and temperature-volume phase diagrams	0022-3549	JOURNAL OF PHARMACEUTICAL SCIENCES	94		524	539	JOHN WILEY & SONS INC	28/02/2005
23756	L. C. Pardo, B. Parat, M. Barrio, J. Li. Tamarit, D. O. López, J. Salud, P. Negrier and D. Mondieig	Non-experimentally available thermodynamic properties: The two-component system (CH3)CCl3+ CBrCl3.	0009-2614	CHEMICAL PHYSICS LETTERS	402		408	413	ELSEVIER SCIENCE BV	31/03/2005
23757	R.Puertas, J. Salud, D.O. López, M.A. Rute, S.Diez, J.Li. Tamarit, M. Barrio M.A.Pérez-Jubindo, M.R. de la Fuente, L.C. Pardo	Static and dynamic studies on cycloheptanol as two-orientational glass-former.	0009-2614	CHEMICAL PHYSICS LETTERS	401		368	373	ELSEVIER SCIENCE BV	31/01/2005
23775	J. Garcia; K. Yamazaki; J. Dies; F. Castejon; H. Funaba; T. Amano; J.M. Fontdecaba; J. Fontanet; F. Albajar; J. Izquierdo	Neoclassical Transport Studies in Stellarators Using PRETOR Code	FICT-0342	JOURNAL OF PLASMA AND FUSION RESEARCH SERIES	6		481	484	The Japan Society of Plasma Science and Nuclear Fusion Research	31/12/2004
23776	K. Yamazaki; M. Mikhailov; S. Sakakibara; S. Okamura; J. Garcia; J. Dies; H. Funaba; T. Amano	Neoclassical and Anomalous Transport Analysis of Helical Reactor Plasmas	FICT-0342	JOURNAL OF PLASMA AND FUSION RESEARCH SERIES	6		357	361	The Japan Society of Plasma Science and Nuclear Fusion Research	31/12/2004
23786	B. Parat, L.C. Pardo, M. Barrio, J. Li. Tamarit, Ph. Negrier, J. Salud, D.O. López, and D. Mondieig	Polymorphism of CBrCl3	0897-4756	CHEMISTRY OF MATERIALS	17		3359	3365	AMER CHEMICAL SOC	30/06/2005
23796	C. Fröhlich, P. Hauser, M. Liebendörfer, G. Martínez-Pinedo, E. Bravo, W.R. Hix, N.T. Zinner, F.-K. Thielemann	The innermost ejecta of core collapse supernovae	0375-9474	NUCLEAR PHYSICS A	758		27	30	ELSEVIER SCIENCE BV	31/05/2005
23797	R. Ramirez, J. Rull, R. Villafañila	El negocio de la generación de energía eléctrica renovable en España.	0213-3113	Automática e instrumentación			363	64	CETISA	30/06/2005
23798	R. Ramirez, A. Sumpster, S. Galceran	Almacenamiento de energía: beneficios técnicos y medioambientales.	0213-3113	Automática e instrumentación			363	69	CETISA	30/06/2005
23799	J. Bergas, G. Gross, J. Motjé, J. Salabert	Tuvalu: el balanceo que produce energía.	0213-3113	Automática e instrumentación			363	83	CETISA	30/06/2005
23800	F. Soriano, J. Rull, O. Boix	Alternativas para la propulsión de vehículos.	0213-3113	Automática e instrumentación			363	88	CETISA	30/06/2005
23801	F. Soriano, O. Gomis, D. Montesinos, S. Galceran	La mecatrónica en el automóvil.	0213-3113	Automática e instrumentación			363	92	CETISA	30/06/2005
23804	X. Fernandez, J.M. Salla, A. Serra, A. Mantecón, X. Ramis	Cationic Copolymerization of Cycloaliphatic Epoxy Resin with a Spiroblactone with Lanthanum Triflate as Initiator: I. Characterization and Shrinkage	0887-624X	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	43	15	3421	3432	JOHN WILEY & SONS INC	31/08/2005
23805	C. Ocampo, E. Armelin, F. Liesa, C. Alemán, X. Ramis, J.I. Irizarren	Application of a Polythiophene Derivative as Anticorrosive Additive for Paints	0300-9440	PROGRESS IN ORGANIC COATINGS	53	3	217	224	ELSEVIER SCIENCE SA	31/07/2005
23807	E. Cesari; V.A. Chernenko; J. Font; J. Muntasell	AC TECHNIQUE APPLIED TO Cp MEASUREMENTS IN Ni-Mn-Ga ALLOYS	0040-6031	THERMOCHIMICA ACTA	---	433	153	156	ELSEVIER SCIENCE BV	30/04/2005
23840	Delvosalle, C.; Fiévez, C.; Pipart, A.; Casal, J.; Planas, E.; Christou, M.; Mushtaq, F.	Identification of reference accident scenarios in SEVESO establishments	0951-8320	RELIABILITY ENGINEERING & SYSTEM SAFETY		90	238	246	ELSEVIER SCI LTD	31/01/2005
23841	Darbra, R.M.; Ronza, A.; Carol, S.; Vilchez, J.A.; Casal, J.	A survey of accidents in ports	0260-9576	LOSS PREVENTION BULLETIN: ARTICLES AND CASE HISTORIES FROM PROCESS INDUSTRIES THROUGHOUT THE WORLD		183	23	28	INSTITUTION OF CHEMICAL ENGINEERS	28/02/2005
23842	S. kedari, M.T. Coll, A. Fortuny, E. Goralska, A.M. Sastre	Liquid-liquid extraction of Ir, Ru and Rh from chloride solutions and their separation using different commercially available solvent extraction reagents	0149-6395	SEPARATION SCIENCE AND TECHNOLOGY	40	9	1927	1946	MARCEL DEKKER INC	01/06/2005

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23878	Maria Victoria Toro G., Lázaro V. Cremadas O., John Jairo Ramirez B.	INVENTARIO DE EMISIONES BIOGENICAS EN EL VALLE DE ABURRÁ Reducción de Vibraciones Residuales en Transitorios de Velocidad. Definición de Leyes de Movimiento Mediante Convolución Temporal de Pulsos	1692-3448	Revista Ingeniería y Gestión Ambiental	1	1	31	39	Universidad Pontificia Bolivariana	31/01/2005
23882	Veciana, J.M., Cardona, S.		0212-5072	Anales de ingeniería mecánica	1		151	157	Asociación Española de Ingeniería Mecánica	31/12/2004
23885	J. Garcia, K. Yamazaki, J. Dies, J. Izquierdo	Internal Transport Barrier Simulation in LHD	0915-633X	Research report. NIFS series	NIFS-813		1	23	National Institute for Fusion Science, NIFS	30/06/2005
23911	L. C. Pardo, N. Veglio, F. J. Bermejo, J. Li. Tamarit, G.J. Cuello	Experimental assessment of the extent of orientational short-range order in liquids	1098-0121	PHYSICAL REVIEW B	72	14206	1	8	AMERICAN PHYSICAL SOC	31/07/2005
23941	C.S. Kedari, T. Coll, A. Fortuny, A. Sastre	Thid phase formation in the solvent extraction system Ir(IV)-Cyanex 923	0736-6299	SOLVENT EXTRACTION AND ION EXCHANGE	23	4	545	560	MARCEL DEKKER INC	31/08/2005
23942	J. Pedra, L. Sainz, F. Córcoles	Study of Aggregate Models for Squirrel-Cage Induction Motors	0885-8950	IEEE TRANSACTIONS ON POWER SYSTEMS	20	3	1519	1527	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	31/08/2005
23943	M.B. Sied, S. Drez, J. Salud, D.O. López, P. Cusmin, J.Li. Tamarit, M. Barrio	Liquid Crystal Binary Mixtures of 8OCB + 10OCB. Evidence for a Smectic A-to-Nematic Tricritical Point	1520-6106	JOURNAL OF PHYSICAL CHEMISTRY B	109		16284	16289	American Chemical Society	31/07/2005
23945	A. Burguño, M.D. Martínez, X. Lana, C. Serra	Statistical distribution of the daily rainfall regime in Catalonia (northeastern Spain) for the years 1950-2000	0899-8418	INTERNATIONAL JOURNAL OF CLIMATOLOGY	25		1381	1403	JOHN WILEY & SONS LTD	31/08/2005
23955	VIVANCOS CALVET, J.; LUIS PEREZ, C.J.; ORTIZ MARZO, J. A.; GONZÁLEZ ROJAS, H.A.	Analysis of factors affecting the high-speed side milling of hardened die steels.	0924-0136	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	162-163	162-163	696	701	ELSEVIER SCIENCE SA	31/05/2005
23958	Badenes, C., Bravo, E., Borkowski, K.J.	A model grid for the spectral analysis of X-ray emission in young Type Ia supernova remnants	0273-1177	ADVANCES IN SPACE RESEARCH	35		987	990	ELSEVIER SCIENCE BV	31/08/2005
23959	R. Cervellera, X. Ramis, J.M. Salla, A. Serra, A. Mantecón	New thermosets obtained by copolymerization of DGEBA with 1,5,7,11-tetraoxaspiro[5,5]undecane catalyzed by lanthanide triflates	0032-3861	POLYMER	46	18	6878	6887	ELSEVIER SCI LTD	31/08/2005
23962	N. Veglio, F. J. Bermejo, L. C. Pardo, J. Li. Tamarit, G. J. Cuello	Direct experimental assessment of the strength of orientational correlations in polar liquids	1063-651X	PHYSICAL REVIEW E	72		31502	502-8	AMERICAN PHYSICAL SOC	31/07/2005
23986	P. Serrano, A. Llebaria, J. Vazquez, J. de Pablo, J.M. Anglada, A. Delgado	On the Regio-andStereo-selective Synthesis of Aminocyclitols from Cycitol Epoxides: The effect of Li as a chelating agent	0947-6539	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	11		4465	4472	WILEY-VCH VERLAG GMBH	31/07/2005
23989	Guillén, G., Pina, C., Espuña, A., Puigjaner, L.	Optimal Offer Proposal Policy in an Integrated Supli Chain Management Environment	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	44		7405	7419	AMER CHEMICAL SOC	31/08/2005
23990	Gómez, C.J., Várhegyi, G., Puigjaner, L.	Slow Pyrolysis of Woody Residues and a n Herbaceous Biomasa Crop: A Kinetic Study	0888-5885	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	44		6650	6660	AMER CHEMICAL SOC	31/07/2005
23992	COUSSIRAT; VAN BEECK; MESTRES; EGUSQUIZA; BUCHLIN; ESCALER	CFD Modeling Of Impinging Gas-Jet Systems. I. Assessment Of Eddy Viscosity Models	0098-2202	JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME	127	4	691	703	ASME-AMER SOC MECHANICAL ENG	31/07/2005
23993	COUSSIRAT; VAN BEECK; MESTRES; EGUSQUIZA; BUCHLIN; VALERO	CFD Modeling Of Impinging Gas-Jet Systems. II. Application To An Industrial Cooling System Device".	0098-2202	JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME	127	4	704	713	ASME-AMER SOC MECHANICAL ENG	31/07/2005
23998	R.M. Darbra, A. Ronza, T.A. Stojanovic, C. Wooldridge, J. Casal	A procedure for identifying significant environmental aspects in sea port	0025-326X	MARINE POLLUTION BULLETIN	50		866	874	PERGAMON-ELSEVIER SCIENCE LTD	31/03/2005
24025	R. Sanahuja, V. Barcons, L. Balado, J. Figueras	Testing Biquad filters under Parametric Shifts Using X-Y Zoning	0923-8174	JOURNAL OF ELECTRONIC TESTING-THEORY AND APPLICATIONS	21	3	257	265	KLUWER ACADEMIC PUBL	30/06/2005
24041	Francesc J. Suelves	Captadores de posición	0213-3113	Automática e instrumentación			96	112	CETISA	30/06/2005
24049	Y.G. Pan, J.F. Perales, E. Velo, L. Puigjaner	Kinetic behaviour of iron oxide sorbent in hot gas desulfurization	0016-2361	FUEL	84	9	1105	1109	ELSEVIER SCI LTD	30/06/2005
24053	L. Duro, F. El Aamrani, M. Rovira, J. Gimenez, I. Casas, J. de Pablo, J. Bruno	The dissolution of high-FeO olivine rock from the Lovasjärvi intrusion (SE-Finland) at 25°C as a function of pH	0883-2927	APPLIED GEOCHEMISTRY	20		1284	1291	PERGAMON-ELSEVIER SCIENCE LTD	31/07/2005
24073	Oriol Boix, Javier Garcia-Fernandez, Ramon M. Mujal	A JavaScript-based scientific web-calculator	1061-3773	COMPUTER APPLICATIONS IN ENGINEERING EDUCATION	13	2	153	157	JOHN WILEY & SONS INC	31/07/2005
24091	Fedorov, Y.; Zenkov, D.	Dynamics of the discrete chaplygin sleigh	1078-0947	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS	2005	Special	258	267	Southwest Missouri State University	31/08/2005
24114	Bolea, Y.; Puig, V.; Blesa, J.; Gómez, M.; Rodellar, J.	A quasi-LPV model for gain-scheduling canal control	fict-0364	Archives of Control Sciences	14(L)	3/4	299	313	Silesian University of Technology	31/12/2004
24119	C. Andújar, P- Brunet. A. Chica, I. Navazo, J. Rossignac, A. Vinacua	Optimizing the topological and combinatorial complexity of isosurfaces	0010-4485	COMPUTER-AIDED DESIGN	37	8	847	857	ELSEVIER SCI LTD	31/07/2005
24121	Ollé, M.; Pacha, J.R.; Villanueva, J.	Dynamics close to a non semi-simple 1:-1 resonant periodic orbit	1531-3492	DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS. SERIES B	5	3	799	816	American Institute of Mathematical Sciences	31/08/2005
24123	Guillén Santos, F.; Navarro, V.; Pascual, P.; Roig, A.	Moduli spaces and formal operads	0012-7094	DUKE MATHEMATICAL JOURNAL	129	2	291	335	DUKE UNIV PRESS	31/08/2005
24126	Granados, X.; Bozzo, B.; Iliescu, S.; Bartolome, E.; Puig, T.; Obradors, X.; Amorós, J.; Carrera, M.	Critical current determination of artificially welded HTS samples by in-field Hall mapping technique	1051-8223	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	15	2	3632	3635	IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC	30/06/2005
24129	B. Plans, N. Vila	Galois covers of P1 over Q with prescribed local or global behavior by specialization	1246-7405	Journal de Théorie des Nombres de Bordeaux	17	1	271	282	Institut de Mathématiques de Bordeaux	30/06/2005
24133	Haro, J.	Moving mirrors and the black-body spectrum	0305-4470	JOURNAL OF PHYSICS A- MATHEMATICAL AND GENERAL	38		1307	1315	IOP PUBLISHING LTD	31/05/2005
24134	Cáceres, J.; Puertas, M.L.; Hernando, C.; Mora, M.; Pelayo, I.M.; Seara, C.	Searching for geodetic boundary vertex sets	FICT-0227	ELECTRONIC NOTES IN DISCRETE MATHEMATICS	19		25	31	ELSEVIER SCIENCE	30/06/2005
24135	Alvarez, J.	Operations with regular holonomic D-modules with support a normal crossing	0747-7171	JOURNAL OF SYMBOLIC COMPUTATION	40	2	999	1012	ACADEMIC PRESS LTD	31/08/2005

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24136	Alvarez, J.; Blicke, M.; Lyubeznik, G.	Generators of D-modules in positive characteristic	1073-2780	MATHEMATICAL RESEARCH LETTERS	12	4	459	473	INT PRESS BOSTON	31/07/2005
24166	Amorós, J.; Muñoz, V.; Presas, F.	Generic behaviour of asymptotically holomorphic leafschetz pencils	1527-5256	Journal of Symplectic Geometry	2	3	377	392	-	30/09/2004
24175	Rodrigues, H. M.; Solà-Morales, J.	An invertible contraction that is not C1-linearizable	1631-073x	Comptes Rendus Mathématique	340	11	847	850	Elsevier	30/06/2005
24189	Gerard Gómez, Manuel Marcote and Josep J. Masdemont	Trajectory correction manoeuvres in the transfer to libration point orbits	0094-5765	ACTA ASTRONAUTICA	56	7	652	669	PERGAMON-ELSEVIER SCIENCE LTD	30/04/2005
24190	Roca-Rosell, A.	Professionalism and Technocracy: Esteve Terradas and Science Policy in the Early Years of the Franco Regime	0026-4695	MINERVA	XLIII	2	147	162	KLUWER ACADEMIC PUBL	30/06/2005
24191	Barca, F.X.	Nuclear Power for Catalonia: The Role of the Official Chamber of Industry of Barcelona, 1953-1962	0026-4695	MINERVA	43	2	163	181	KLUWER ACADEMIC PUBL	30/06/2005
24193	Lusa, G.	La Escuela de Ingenieros Industriales de Barcelona y el proyecto de nueva Escuela Industrial (1900-1917)	1135-934X	Quaderns d'història de l'enginyeria	6		51	125	ETSEIB - UPC	31/10/2004
24195	Roca-Rosell, A.	Bombardeig de la universitat industrial (1938). Un testimoni d'Eduard Fontserè i de Josep Pons	1135-934X	Quaderns d'història de l'enginyeria	6		295	299	ETSEIB - UPC	31/10/2004
24197	Roca Rosell, A.	Exposició Terradas, per ANTONI ROCA ROSELL; Pla de protecció del patrimoni industrial del poblenou	1135-934X	Quaderns d'història de l'enginyeria	6		303	313	ETSEIB - UPC	31/10/2004
24198	Masdemont, J.	High Order Expansions of Invariant Manifolds of Libration Point Orbits with Applications to Mission Design associated with Collinear Lissajous Libration Orbits	1468-9367	Dynamical Systems. An International Journal	20		59	113	Taylor & Francis	31/03/2005
24271	Lucas van Wunnik	Le potentiel de mobilité de l'activité manufacturière de l'entreprise multinationale. Quelques enseignements tirés de l'étude de Sony Manufacturing UK	1295-926X	GÉOGRAPHIE, ÉCONOMIE, SOCIÉTÉ	7	1	57	81	?	31/03/2005
24374	P. Hvizdos, J.M. Calderón Moreno, J. Ocenásek, L. Ceseracciu and G. Anné	Mechanical Properties of Alumina/Zirconia Functionally Graded Material Prepared by Electrophoretic Deposition	1013-9826	Key engineering materials	290		332	335	Trans Tech Publications	31/07/2005
24386	Xavier Bohigas	Com estan fets els imants de nevera? L'elaboració d'hipòtesis en una investigació escolar	0213-8581	Guix	----	315	60	67	Serveis Pedagògics, SCCL	30/06/2005
24387	Xavier Bohigas	Mejora del aprendizaje en el aula universitaria. Resultado de una experiencia	0212-4521	Enseñanza de las ciencias	---	extra	---	---	ICE de la Universidad Autónoma	31/07/2005
24388	Xavier Bohigas; Xavier Jaén; Montse Novell	La semipresencialidad vista por los estudiantes de un curso de óptica	0212-4521	Enseñanza de las ciencias	----	extra	---	---	ICE de la Universidad Autónoma	31/07/2005
24390	Cristina Periago, Xavier Bohigas	A study of second year engineering students' preconceived ideas about electric potential, current intensity and Ohm's Law	0304-3797	European journal of engineering education	1	30	105	119	Elsevier Scientific Publ. Co.	30/06/2005
24391	Xavier Bohigas	Franklin, un inventor que tocava moltes tecles	1134-3427	Tretze vents	---	826	10	11	Desc.	31/07/2005
24411	Puerta Sales, Fernando	Review of the paper: Measuring distance between systems under bounded power excitation	0025-5629	Mathematical reviews					American Mathematical Society	31/10/2004
24412	Puerta Sales, Fernando	Review of the paper: The maximum rank of the matrix pencil E + sigma BiKiCi and its applications	0025-5629	Mathematical reviews					American Mathematical Society	31/10/2004
24413	Puerta Sales, Fernando	Review of the paper: Nonlinear observers for two classes of perturbed systems	0025-5629	Mathematical reviews					American Mathematical Society	31/10/2004
24416	Puerta Sales, Fernando	Review of l'article: Antoulas, A. C. A new result on passivity preserving model reduction.	0025-5629	Mathematical reviews					American Mathematical Society	31/08/2005
24421	Xavier Bohigas	Les fredes nits serenes de l'hivern	FICT-0371	CAVALL FORT	-----	1021	----	----	Cavall Fort	28/02/2005
24423	Xavier Bohigas	Ulleres que s'entelen	FICT-0371	CAVALL FORT	-----	1022	----	----	Cavall Fort	28/02/2005
24424	Xavier Bohigas	Escalfa, l'abric?	FICT-0371	CAVALL FORT	-----	1023	-----	-----	Cavall Fort	31/03/2005
24442	Victor Suñé i Juan A. Carrasco	EFFICIENT IMPLEMENTATIONS OF THE RANDOMIZATION METHOD WITH CONTROL OF THE RELATIVE ERROR	0305-0548	COMPUTERS & OPERATIONS RESEARCH	32	5	1089	1114	PERGAMON-ELSEVIER SCIENCE LTD	31/05/2005
24521	A. Kumar, R. Haddad, F.J. Alguacil, A.M. Sastre	Comparative performance of non-dispersive solvent extraction using a single module and the integrated membrane process with two hollow fiber contactors	0376-7388	JOURNAL OF MEMBRANE SCIENCE	248		1	14	ELSEVIER SCIENCE BV	31/05/2005
24523	F.J. Alguacil, M. Alonso, A.M. Sastre	Facilitated supported liquid membrane transport of gold(I) and gold(III) using Cyanex 921	0376-7388	JOURNAL OF MEMBRANE SCIENCE	252		237	244	ELSEVIER SCIENCE BV	31/05/2005
24556	Albert Corominas, Jordi Ojeda, Rafael Pastor	Multi-objective allocation of multi-function workers with lower bounded capacity	0160-5682	JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY	56	6	738	743	NATURE PUBLISHING GROUP	30/06/2005
24567	Àlex Riba, Josep Ginebra	Change-point Estimation in a Multinomial Sequence and Homogeneity of Literary Style	0266-4763	JOURNAL OF APPLIED STATISTICS	32	1	61	74	CARFAX PUBLISHING	31/01/2005
24568	Giron, F. J.; Ginebra, J. and Riba, A.	Bayesian Analysis of a Multinomial Sequence and homogeneity of Literary Style	0003-1305	AMERICAN STATISTICIAN	59	1	19	30	AMER STATISTICAL ASSOC	28/02/2005
24570	Gutiérrez Serrés, Pere	Review de l'article: Polynomial normal forms with exponentially small remainder for analytic vector fields. Autors: looss, Gérard; Lombardi, Eric. J. Differential Equations 212 (2005), no. 1, 1--61.	0025-5629	Mathematical reviews					American Mathematical Society	31/05/2005
24571	Gutiérrez Serrés, Pere	Review de l'article: A stable foliation to infinity in the phase space of the Hénon map. Autor: Chernov, V. L.	0025-5629	Mathematical reviews					American Mathematical Society	31/05/2005
24572	Gutiérrez Serrés, Pere	Review de l'article: Splitting of separatrices for the Chirikov standard map. Autor: Lazutkin, V.F.	0025-5629	Mathematical reviews					American Mathematical Society	31/07/2005

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24584	Lázaro Ochoa, T.	Review de l'article: Yu, Pei; Zhu, Songhui Computation of the normal forms for general M-DOF systems using multiple time scales. I. Autonomous systems. Commun. Nonlinear Sci. Numer. Simul. 10 (2005), no. 8, 869-905.	0025-5629	Mathematical reviews					American Mathematical Society	30/06/2005
24585	Ollé Torner, M.	Review de l'article: Salomone, Matthew; Xia, Zhihong Non-planar minimizers and rotational symmetry in the SNS-body problem. J. Differential Equations 215 (2005), no. 1, 1-18.	0025-5629	Mathematical reviews					American Mathematical Society	31/05/2005
24586	Ollé Torner, M.	Review de l'article: Moeckel, Richard A computer-assisted proof of Saari's conjecture for the planar three-body problem. Trans. Amer. Math. Soc. 357 (2005), no. 8, 3105-3117 (electronic).	0025-5629	Mathematical reviews					American Mathematical Society	30/06/2005
24618	C. Alemán, E. Armelin, J. I. Iribarren, F. Liesa, M. Laso, J. Casanovas	Structural and electronic properties of 3,4-ethylenedioxythiophene, 3,4-ethylenedisulfanylfurane and thiophene oligomers: a theoretical investigation	0379-6779	SYNTHETIC METALS JOURNAL OF ORGANIC CHEMISTRY	149	2-3	151	156	ELSEVIER SCIENCE SA	31/03/2005
24619	C. Alemán, J. Casanovas, D. Zanuy, H.K. Hall Jr.	Systematic evaluation of the conformational properties of aliphatic omega-hydroxy acids	0022-3263		70	8	2950	2956	AMER CHEMICAL SOC	30/04/2005
24620	C. Alemán, R. Oliver, E. Brillas, J. Casanovas, F. Estrany R. da Silva, P. M. Donate, G.V.J. da Silva, S. Pedersoli, C. Alemán	A combined theoretical and experimental investigation about the influence of the dopant in the anionic electropolymerization of alpha-tetrathiophene	0301-0104	CHEMICAL PHYSICS JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY	314	1-3	1	7	ELSEVIER SCIENCE BV	31/07/2005
24621	C. Alemán	Racemic synthesis of 1,2-secominominutin	0103-5053	COMPUTER PHYSICS COMMUNICATIONS	16	3	626	633	SOC BRASILEIRA QUIMICA	30/06/2005
24625	D. Curcò, J. Casanovas, M. Roca, C. Alemán	A method for generating reliable atomistic models of amorphous polymers based on a random search of energy minima	0010-4655	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	169	1-3	335	338	ELSEVIER SCIENCE BV	31/07/2005
24626	C. Alemán, A. M. Namba, J. Casanovas	Acid-base and electronic structure-dependent properties of Hoechst 33342	0739-1102		23	1	29	36	ADENINE PRESS INC	31/08/2005
24627	J. Casanovas, L. Y. Cho, C. Ocampo, C. Alemán	A theoretical study of the effects produced by N-hydroxyalkyl substitution in pyrrole oligomers	0379-6779	SYNTHETIC METALS	151	3	239	245	ELSEVIER SCIENCE SA	31/08/2005
24629	C. Alemán, J. Casanovas	Theoretical investigation on the rotational isomerism of calix[4]arenes: Influence of the hydroxyl ->methoxy replacement	1089-5639	JOURNAL OF PHYSICAL CHEMISTRY A	109	35	8049	8054	AMER CHEMICAL SOC	31/08/2005
24635	C. Alemán, A. I. Jimenez, C. Catiuela, J. J. Pérez, J. Casanovas	Unusually high pyramidal geometry of the bicyclic amide nitrogen in a complex 7-azabicyclo[2.2.1]heptane derivative: theoretical analysis using a bottom-up strategy	1520-6106	JOURNAL OF PHYSICAL CHEMISTRY B	109	23	11836	11841	American Chemical Society	31/05/2005
24648	Fedorov, Y.; Zenkov, D.	Discrete nonholonomic LL systems on Lie groups	0951-7715	NONLINEARITY	18	5	2211	2241	IOP PUBLISHING LTD	30/07/2005
24651	José M. Calderón Moreno, Mónica Popa	Stress-induced domain switching of PZT subjected to cyclic uniaxial compression	1013-9826	Key engineering materials	206-213		1445	1448	Trans Tech Publications	31/12/2004
24652	José M. Calderón Moreno, Masahiro Yoshimura	Non-Catalytic Growth of Multiwall Carbon Nanotubes in Hydrothermal Fluids	1013-9826	Key engineering materials	206-213		2159	2163	Trans Tech Publications	31/12/2004
24654	José M. Calderón Moreno, Masahiro Yoshimura	Al2O3-YAG-ZrO2 Ternary Ceramics from Melts	1013-9826	Key engineering materials	206-213		993	996	Trans Tech Publications	31/12/2004
24655	Martin Schehl, José M. Calderón Moreno, Mónica Popa, Ramón Torrecillas	Zirconia Reinforced Alumina Composites Prepared from Powder Alcoxide Mixtures: Stable Grain Size after Superplastic Stationary Creep	1013-9826	Key engineering materials	206-213		1001	1004	Trans Tech Publications	31/12/2004
24656	Mónica Popa, José M. Calderón Moreno, Ana M. Espino, Ramón Torrecillas, Masato Kakhana	Synthesis and characterization of gel-glasses in the Al2O3-ZrO2-SiO2 system	1013-9826	Key engineering materials	206-213		2097	2100	Trans Tech Publications	31/12/2004
24657	Mónica Popa, José-Maria Calderón Moreno, Pavol Hvizdoš, Raúl Bermejo, Guy Anné	Residual Stress Profile Determined by Piezo-Spectroscopy in Alumina/Alumina-Zirconia Layers Separated by a Compositionally Graded Intermediate Layer	1013-9826	Key engineering materials	290		328	331	Trans Tech Publications	31/07/2005
24667	Alexievitch, S.; Benyakar, M.; Casal, J.; Chapman CB; Ward, S.; Mc Cleland; Mintzberg; Morris; Hough; Pons, L. L. C. Pardo, M. Barrio, J. Ll. Tamarit, D. O. López, J.	Project Managers and Disruptive Environments: Leadership Under Natural Risks and Environmental Disasters Situations	1455-4178	Project Perspectives. Periodical of Project Management Association Finland	1	1/2005	46	49	-	30/06/2005
24705	Salud and H. A. J. Oonk	Orientationally Disordered Mixed Crystals Sharing Methylchloromethanes ((CH3)4-nCCln, n=0,...,4)	0897-4756	CHEMISTRY OF MATERIALS	17	24	6146	6153	AMER CHEMICAL SOC	31/08/2005
24719	Roca Rosell, A.	Einstein en Barcelona	1135-8521	Quark: ciencia, medicina, comunicacion y cultura		36	26	35	Observatorio de la Comunicacion Científica de la Universidad Pompeu Fabra	31/08/2005
24720	Sallent, E.; Roca, A.	La cena <<relativista>> de Barcelona (1923)	1135-8521	Quark: ciencia, medicina, comunicacion y cultura		36	72	84	Observatorio de la Comunicacion Científica de la Universidad Pompeu Fabra	31/08/2005
24721	Batló, J.; Roca, A.	L'any dels observatoris	1131-5326	Revista de física (Barcelona)	3	9	44	50	Societat Catalana de Física	31/07/2005
24738	L. Albalán; E. Valencia; JM Bergada; L. Coll	Contribución a la Optimización de Toberas de Hilatura Neumática Micro- and nanostructuring of poly(ethylene-2,6-naphthalate) surfaces, for biomedical applications, using polymer replication techniques	1131-6756	Boletín Intexter del Instituto de Investigación Textil y de Cooperació Industrial		126	49	53	Universitat Politcnica de Catalunya	31/12/2004
24744	C A Mills, J Escarré, E Engel, E Martinez, A Errachid, J Bertomeu, J Andreu, J A Planell and J Samitier		0957-4484	NANOTECHNOLOGY	16	4	369	375	IOP PUBLISHING LTD	30/04/2005
24745	A.Michiardi, E.Engel, J.A.Planell y F.J.Gil	Oxidación superficial de aleaciones de NiTi para la mejora de la biocompatibilidad	1135-2205	Biomecánica	12	2	71	79	Grupo Masson	30/09/2004

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24746	Delshams, A.; Gutiérrez, P.	Exponentially small splitting of separatrices for whiskered tori in Hamiltonian systems	1072-3374	Journal of Mathematical Sciences	128	2	2726	2746	Consultants Bureau, An Imprint of Springer Verlag New York LLC	31/07/2005
24781	Tomás, M.S., Rodríguez, A., Pérez, J.J., Rubio, J.	Assessment of the performance of cluster analysis grouping using pharmacophores as molecular descriptors	0166-1280	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS	727	1-3	81	87	ELSEVIER SCIENCE BV	31/08/2005
24786	Garica, A.; Perez-Chavela, E.; Susin, A.	A generalization of the Poincaré compactification	0003-9527	A GENERALIZED METHOD FOR THE TRANSIENT ANALYSIS OF MARKOV MODELS OF FAULT-TOLERANT SYSTEMS WITH DEFERRED REPAIR					SPRINGER-VERLAG	31/07/2005
24791	Jamal Tamsamani i Juan A. Carrasco		0361-0918	COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION	34	3	631	661	MARCEL DEKKER INC	31/07/2005
24798	Barca Salom, F.	Mestratge sobre patrimoni industrial, científic i Tecnològic	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		20	6	6	?	31/10/2004
24799	Barca Salom F.	Tres generacions de miners	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		20	6	6	?	31/10/2004
24861	Lusa, G.	La técnica en España durante el Renacimiento	1135-934X	Quaderns d'història de l'enginyeria	6		323	327	ETSEIB - UPC	31/10/2004
24862	Lusa, G.; Roca, A.	Editorial: la ciencia, la técnica y la construcción de Europa	1135-934X	Quaderns d'història de l'enginyeria	6		5	11	ETSEIB - UPC	31/01/2005
24863	Roca Rosell, A.	Leonardo to the Internet. Technology & Culture from the Renaissance to the present	1135-934X	Quaderns d'història de l'enginyeria	6		317	319	ETSEIB - UPC	31/10/2004
24864	Puig Pla, C.	Documentos de la Escuela de Ingenieros Industriales de Barcelona	1135-934X	Quaderns d'història de l'enginyeria	6		339	341	ETSEIB - UPC	31/10/2004
24891	El Wahabi M, Gavard L, Cabrera JM, Prado JM, F Montheillet	?EBSD study of purity effects during hot working in austenitic stainless steels	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	393	1-2	83	90	ELSEVIER SCIENCE SA	28/02/2005
24892	Casellas D, Perez R, Prado JM	?Fatigue variability in Al-Si cast alloys	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	398	1-2	171	179	ELSEVIER SCIENCE SA	31/05/2005
24900	Barca Salom, F.X.	Societat civil i progrés tecnològic: L'enginyeria nuclear a Catalunya (1955-1962)	0213-1471	Afers : fulls de recerca i pensament			711	721	-	31/12/2004
24968	Hernando, C.; Jiang, T.; Mora, M.; Pelayo, I.M.; Seara, C.	On the Steiner, hull and geodetic number of graphs	0012-365X	DISCRETE MATHEMATICS	293	1-3	139	154	ELSEVIER SCIENCE BV	30/04/2005
25029	S. Díez, D. O. López, M. R. de la Fuente, M. A. Pérez-Jubindo, J. Salud, J. Ll. Tamarit	Thermodynamic and Dielectric Studies Concerning the Influence of Cylindrical Submicrometer Confinement on Heptyloxycyanobiphenyl	1520-6106	JOURNAL OF PHYSICAL CHEMISTRY B	109		23209	23217	American Chemical Society	31/08/2005
25034	Cabrè, X.; Fontich, E.; de la Llave, R.	The parameterization method for invariant manifolds III: overview and applications	0022-0396	JOURNAL OF DIFFERENTIAL EQUATIONS					ACADEMIC PRESS INC	28/02/2005
25047	F. Calviño, G. Cortés, A. Poch, C. Pretel	Measurements of the 151Sm(n,g)152Sm cross section at n_TOF	0375-9474	NUCLEAR PHYSICS A	758		533c	536c	ELSEVIER SCIENCE BV	31/07/2005
25048	F. Calviño, G. Cortés, A. Poch, C. Pretel	Measurements of the 90,91,92,94,96Zr(n,g) cross-sections at n_TOF	0375-9474	NUCLEAR PHYSICS A	758		573c	576c	ELSEVIER SCIENCE BV	31/07/2005
25049	X. Lana, M.D. Martínez, C. Serra, A. Burgueño	Periodicities and irregularities of indices describing the daily pluviometric regime of the Fabra Observatory (NE Spain) for the years 1917-1999	0177-798X	THEORETICAL AND APPLIED CLIMATOLOGY	82		183	198	SPRINGER-VERLAG WIEN	31/03/2005
25052	F. Albajar; M. Bornatici, G. Cortes, J. Dies, F. Engelmann, J. Garcia, J. Izquierdo	Importance of electron cyclotron wave energy transport in ITER	0029-5515	NUCLEAR FUSION	45	7	642	648	INT ATOMIC ENERGY AGENCY	30/06/2005
25059	J. Dies, J. Garcia, F. Albajar, J.M. Fontdecaba, G. Cortes, J. Izquierdo	Electron Cyclotron radiation Studies Using the ASTRA Transport Code Coupled with the CYTRAN Routine	FICT-0342	JOURNAL OF PLASMA AND FUSION RESEARCH SERIES	6		469	472	The Japan Society of Plasma Science and Nuclear Fusion Research	31/10/2004
25066	Carvajal R., Voss A., Wessel N., Vallverdú M., Caminal P. Nùria Valls, Roberto A. Steiner, Glenford Wright, Garib N.	Correlation dimension analysis of heart rate variability in patients with dilated cardiomyopathy	0169-2607	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	78		133	140	ELSEVIER SCI IRELAND LTD	28/02/2005
25070	Murshudov, Juan A. Subirana	Variable role of ions in two drug intercalation complexes of DNA	0949-8257	JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY	10	5	476	482	SPRINGER-VERLAG	31/08/2005
25082	Moreno-Noguer, Sanfeliu	Adaptive color segmentation for figure ground segmentation in dynamic environments.	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3287		1	1	SPRINGER-VERLAG BERLIN	31/10/2004
25083	Vergès-Llahí, A. Sanfeliu	A color constancy algorithm for robust description of images collected from a mobile robot	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3287		1	1	SPRINGER-VERLAG BERLIN	31/10/2004
25084	F. Serratos, A. Sanfeliu	Matching attributed graphs: 2nd -order probabilities for pruning the search tree	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3523		131	138	SPRINGER-VERLAG BERLIN	30/06/2005
25086	Francesc Moreno-Noguer, Alberto Sanfeliu	A Framework to Integrate Particle Filters for Robust Tracking in Non-stationary Environments	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE			93	101	SPRINGER-VERLAG BERLIN	30/06/2005
25087	Miquel Ferrer, Francesc Serratos, Alberto Sanfeliu	Synthesis of Median Spectral Graph	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3523		139	146	SPRINGER-VERLAG BERLIN	30/06/2005
25088	Jaume Vergès-Llahí, Alberto Sanfeliu	Evaluation of Distances Between Color Image Segmentations	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3523		263	270	SPRINGER-VERLAG BERLIN	30/06/2005
25132	Hernán A. González	On predicting incompressible flows by using a stabilized finite difference method with penalty	0096-3003	APPLIED MATHEMATICS AND COMPUTATION	156		439	454	ELSEVIER SCIENCE INC	30/09/2004
25172	Mirtha-Lina Fernández, Guillem Godoy, Albert Rubio	Orderings for Innermost Termination	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3467		17	31	SPRINGER-VERLAG BERLIN	30/04/2005
25201	Guillem Godoy, Ashish Tiwari	Confluence of Shallow Right-Linear Rewrite Systems	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3634		541	556	SPRINGER-VERLAG BERLIN	31/08/2005

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25202	Guillem Godoy, Ashish Tiwari	Termination of Rewrite Systems with Shallow Right-Linear, Collapsing, and Right-Ground Rules	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE	3632		164	176	SPRINGER-VERLAG BERLIN	31/07/2005
25326	L.Solano	Solis Edge. versión 16	FICT-0223	AUTOCAD MAGAZINE		93	32	33	PUBLIMARKET	31/10/2004
25327	L.Solano	Autodesk: diseño mecánico 2005	FICT-0223	AUTOCAD MAGAZINE		96	96	96	PUBLIMARKET	30/04/2005
25376	GUARDO; COUSSIRAT ; LARRAYOZ; RECASENS ; EGUZQUIZA	Influence of the turbulence model in CFD modeling of Wall-to-fluid heat transfer in packed beds	0009-2509	CHEMICAL ENGINEERING SCIENCE	60	6	1733	1742	PERGAMON-ELSEVIER SCIENCE LTD	31/03/2005
25383	J. Dies; J. Izquierdo; J. Garcia, C. Tapia, G. Cortes	Safety analysis of abnormal fueling in ITER using SAFALY	0378-2271	Europhysics conference abstracts	29	C	2.1061	2.1064	European Physical Society	31/07/2005
25384	J. Dies; F. Castejon; J. Garcia; J. Izquierdo	Theoretical transport analysis in TJ-II scenarios with enhanced head confinement	0378-2271	Europhysics conference abstracts	29	C	5.0361	5.0364	European Physical Society	31/07/2005
25385	J. Garcia; K. Yamazaki; J. Dies; J. Izquierdo	Internal Transport Barrier Simulation in LHD	0378-2271	Europhysics conference abstracts	29	C	5.0371	5.0374	European Physical Society	31/07/2005
25460	L. Morejon, A.E. Mendizabal, J.A.D. Garcia-Menocal, M.P. Ginebra, C. Aparicio, F.J.G. Mur, M. Marsal, N. Davidenko, M.E. Ballesteros, J.A. Planell	11. Static mechanical properties of hydroxyapatite (HA) powder-filled acrylic bone cements: Effect of type of HA powder	0021-9304	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH	72B		345	352	JOHN WILEY & SONS INC	28/02/2005
25461	M. Pegueroles, E. Menéndez, C. Aparicio, J.A. Planell, F.J. Gil	Influencia del proceso de esterilización en la mojabilidad del titanio modificado superficialmente	1135-2205	Biomecánica	12	2	80	87	Grupo Masson	31/12/2004
25462	E. Engel, L. Asin, J.A. Delgado, C. Aparicio, J.A. Planell, M.P. Ginebra	Cell behaviour of Calcium Phosphate Bone Cement Modified with a Protein-based Foaming Agent	1013-9826	Key engineering materials	284-286		117	120	Trans Tech Publications	28/02/2005
25492	Alonso J.L., Martinez P., Vallverdú M., Cygankiewicz I., Pitzalis M.V., Bayes Genis A., Cinca J., Rizzon P., Caminal P., Zareba W., Bayes de Luna A.	Dynamics of ventricular repolarization in patients with dilated cardiomyopathy versus normal subjects	1082-720X	ANNALS OF NONINVASIVE ELECTROCARDIOLOGY	10	2	121	128	BLACKWELL FUTURA PUBLISHING, INC	30/04/2005
25589	Masdemont, J.J.	Review of l'article: The invariant manifold structure of the spatial Hill's problem. Gómez, G.; Marcote, M.; Mondelo, J. M.	0025-5629	Mathematical reviews					American Mathematical Society	31/07/2005
25590	Masdemont, J.J.	Review de l'article: Sukhanov, Alexander; Prado, Antonio F. Bertachini A. Lambert problem solution in the Hill model of motion.	0025-5629	Mathematical reviews					American Mathematical Society	30/06/2005
25591	Masdemont, J.J.	Review de l'article: Serban, Radu; Koon, Wang S.; Lo, Martin W.; Marsden, Jerrold E.; Petzold, Linda R.; Ross, Shane D.; Wilson, Roby S. Halo orbit mission correction maneuvers using optimal control.	0025-5629	Mathematical reviews					American Mathematical Society	30/06/2005
25592	Masdemont, J.J.	Review de l'article: Dellnitz, Michael; Junge, Oliver; Koon, Wang Sang; Lekien, Francois; Lo, Martin W.; Marsden, Jerrold E.; Padberg, Kathrin; Preis, Robert; Ross, Shane D.; Thiere, Bianca Transport in dynamical astronomy and multibody problems	0025-5629	Mathematical reviews					American Mathematical Society	31/08/2005
25615	M. Charles Harris, M Navarro, E.Engel, MP Ginebra, JA Planell	Surface characterization of completely degradable composite scaffolds	0957-4530	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	16		1125	1130	KLUWER ACADEMIC PUBL	31/01/2005
25622	Marc Barracó, Maria Angels Adrià, Ricard Torres, Pere Surià	Corrosión en el homogén armado	0210-184X	M.I. Montajes e instalaciones	35	395	59	65	Alción	30/06/2005
25634	Sanfeliu, A.; Villanueva, J.	An Approach of visual motion analysis	0167-8655	PATTERN RECOGNITION LETTERS		26	355	368	ELSEVIER SCIENCE BV	31/12/2004
25635	Gomez- G.; Lo, M.W.; Masdemont, J.J.	A Control Procedure for the Station Keeping and Formation Maintenance of the TPF Mission	0065-3438	Advances in the astronautical sciences			73	73	Distributed by Plenum Press	31/08/2005
25636	Gomez, G; Marcote, M.; Masdemont, J.J.; Mondelo, J.M	Natural Configurations and Control Strategies Suitable for Formation Flying	0065-3438	Advances in the astronautical sciences			48	48	Distributed by Plenum Press	31/08/2005
25698	Andrade-Cetto, J.; Sanfeliu, A.	The Effects of Partial Observability When Building Fully Correlated Maps	1552-3098	IEEE Transactions on Robotics	21	4	771	777	Inst Elec & Elec Engineers	31/08/2005
25715	Haspel, N.; Zanuy, D.; Ma, B.; Wolfson, H. ; Nussinov, R.	A comparative study of amyloid fibril formation by residues 15-19 of the human calcitonin hormone: A single Beta-sheet model with a small hydrophobic core	0022-2836	JOURNAL OF MOLECULAR BIOLOGY	345	5	1213	1227	ACADEMIC PRESS LTD	28/02/2005
25724	Carlos E. Fernández, Manuel Mancera, Eggehard Holler, Jordi J. Bou, Juan A. Galbis, Sebastián Muñoz-Guerra	Low molecular weight poly(α-methyl α,L-malate) of microbial origin: Synthesis and crystallization	1616-5187	Macromolecular bioscience (Print)	5	2	172	176	Wiley-VCH	28/02/2005
25756	Hui-Hsu (Gavin) Tsai, David Zanuy, Nurit Haspel, kannan Gunasekaran, Buyong Ma, Chung-Jung Tsai and Ruth Nussinov	Peptide sequence and amyloid formation: Molecular simulations and experimental study of a human islet amyloid polypeptide fragment and its analogs	0969-2126	STRUCTURE	12	3	146	158	CELL PRESS	31/03/2005
25822	Moreno-Noguer, F.; Sanfeliu, A.; Samaras, D.	Fusion of a Multiple Hypotheses Color Model and Deformable Contours for figure Ground Segmentation in Dynamic Environments	1063-6919	IEEE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, PROCEEDINGS			-	-	IEEE COMPUTER SOCIETY	30/09/2004
25839	Krishna Bissety, Francesc J. Corcho, Josep Canto, Hendrik G. Kruger, Juan J. Perez	A theoretical study of pentacyclo-undecane cage peptides of the type [Ac-X-Y-NHMe]	1075-2617	JOURNAL OF PEPTIDE SCIENCE			1	14	JOHN WILEY & SONS LTD	30/06/2005
25880	O. Casals and J. Alcalá	The duality in mechanical property extractions from Vickers and Berkovich instrumented indentation experiments	1359-6454	ACTA MATERIALIA	53	13	3545	3561	PERGAMON-ELSEVIER SCIENCE LTD	31/08/2005
25910	Grup GESSI, Dept. LSI, UPC	Construction of a Taxonomy for Requirements Engineering Commercial-Off-The-Shelf Components	1000-9000	Journal of Computer Science and Technology	5	2	94	99	Science Press	31/08/2005
25919	Claudia P. Ayala, Pere Botella, Xavier Franch	On Goal-Oriented COTS taxonomies construction	0302-9743	LECTURE NOTES IN COMPUTER SCIENCE		3412	90	100	SPRINGER-VERLAG BERLIN	28/02/2005
25923	Joaquín D. Pina, René Alquézar	Nuevo método para la solución de las ramificaciones en la superficie de modelos tridimensionales reconstruidos a partir de secciones paralelas	0257-4306	INVESTIGACION OPERACIONAL	26	1	79	88	Universidad de La Habana	31/01/2005
25938	Ferrero Andreu, Luis	CEMs, Reflexions de futur	FICT-0385	Noticias de l'ACTECIR		32	3	5	ACTECIR	31/01/2005

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25946	Cortes Rossell, G. P.; Poch Pares, A.; Calviño Tavares, F.; Pretel Sánchez, M.C.; Abbondano U et al ntot collaboration	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF	0375-9474	NUCLEAR PHYSICS A	758		501	504	ELSEVIER SCIENCE BV	31/07/2005
25998	A.B. Martínez, M. Sánchez-Soto, J.I. Velasco, M.LI. MasPOCH, O.O. Santana, A.Gordillo	Impact Characterization of a Carbon Fiber-Epoxy Laminate Using a Nonconservative Model	0021-8995	JOURNAL OF APPLIED POLYMER SCIENCE	97	6	2256	2263	JOHN WILEY & SONS INC	31/03/2005
26017	Puig Pla, C.	Francesc Aragó (1786-1853), Ciència, política i divulgació	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		20	7	7	?	31/10/2004
26019	Puig Pla, C.	La navegació marítima com a qüestió científica: Pedro Nunes (1502-1578)	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		20	17	17	?	31/10/2004
26020	Puig Pla, C.	Mallorca 2004: VIII Trobada d'Història de la Ciència i de la Tècnica	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		21	1	3	?	30/04/2005
26021	Puig Pla, C.	Els enginyers en el sistema de patents britànic: 1830-1914	1136-8519	Butlletí de la Societat Catalana de Història de la Ciència i de la Tècnica		21	12	13	?	30/04/2005
26065	A.Villuendas, J.Llumà, J.A.Benito, A.Roca, J.M.Cabrera, J.M.Prado	ESTUDIO DE LA FRACTURA DE COMPACTOS DE HIERRO CON GRANO NANOMÉTRICO OBTENIDOS POR MOLIENDA MECÁNICA	0213-3725	Anales de mecanica de la fractura		22	514	518	Secretaria del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26069	J.I. Velasco, M. Ardanuy, L. Miralles, S. Ortiz, M.LI. MasPOCH, M. Sanchez Soto, O. Santana	Poly(propylene)/PET Undecyl ammonium montmorillonite nanocomposites. Synthesis and characterization	1022-1360	MACROMOLECULAR SYMPOSIA	221		63	73	WILEY-VCH VERLAG GMBH	31/01/2005
26072	J. Gamez-Perez, P. Muñoz, J.I. Velasco, A.B. Martinez, M.LI. MasPOCH	Determination of essential work of fracture in EPBC sheets obtained by different transformation processes	0022-2461	JOURNAL OF MATERIALS SCIENCE	40	8	1967	1974	KLUWER ACADEMIC PUBL	31/05/2005
26074	J. Gámez-Perez, P. Muñoz, O.O. Santana, A. Gordillo, M.LI. MasPOCH	Evaluación del comportamiento a fractura de láminas de plástico mono-bi y tricapa obtenidas por extrusión calandra	0213-3725	Anales de mecanica de la fractura	22		217	223	Secretaria del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26095	FJ.Gil, J.Peña, E.Engel, JA.Planell	Microstructural, mechanical and cytotoxicity evaluation of different NiTi and NiTiCu shape memory alloys	0957-4530	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	15	11	1181	1185	KLUWER ACADEMIC PUBL	01/11/2004
26106	J.A. Delgado, I. Harr, A. Almirall, S. del Valle, J.A. Planell, M.P. Ginebra	Injectability of a Macroporous Calcium Phosphate Cement	1013-9826	Key engineering materials	284-286		157	160	Trans Tech Publications	28/02/2005
26107	M. Navarro, E.S. Sanzana, J.A. Planell, M.P. Ginebra, P.A. Torres	In Vivo Behaviour of Calcium Phosphate Glasses with Controlled Solubility	1013-9826	Key engineering materials	284-286		893	896	Trans Tech Publications	28/02/2005
26108	L. Morejón, E. Mendizábal, J. A. Delgado, N. Davidenko, F. López-Dellamary, R. Manríquez, M. P. Ginebra, F. J. Gil, J. A. Planell	Synthesis and characterization of poly (methyl methacrylatestyrene) copolymeric beads for bone cements	0327-0793	Latin American applied research	35		175	182	Planta Piloto de Ingeniería Química, CONICET / Universidad Nacional del Sur	31/03/2005
26109	B. Vázquez, M.P. Ginebra, F.J. Gil, J.A. Planell, J. San Román.	Acrylic bone cements modified with β -TCP particles encapsulated with poly(ethylene glycol)	0142-9612	BIOMATERIALS	29		4309	4316	ELSEVIER SCI LTD	30/04/2005
26110	S. Jegou-Saint Jean, CL Camiré, P Nevsten, S Hansen, MP Ginebra	Study of the reactivity and in vitro bioactivity of Sr-substituted -TCP cements	0957-4530	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	16		993	1001	KLUWER ACADEMIC PUBL	31/03/2005
26113	FJ.Gil, J.Peña	Inhibition of Ni release from NiTi and NiTiCu orthodontic archwires by nitrogen diffusion treatment	1722-6899	Journal of Applied Biomaterials & Biomechanics	2		151	155	Wichtig Editore	31/12/2004
26114	FJ.Gil, JA.Planell	Yield point prediction of compressive behaviour of lumbar vertebral body by dual-energy X-Ray absorptiometry	0268-0033	CLINICAL BIOMECHANICS	7	4	382	389	ELSEVIER SCI LTD	31/12/2004
26115	FJ.Gil	Bioactivity and mechanical properties of SiO ₂ -CaO-P ₂ O ₅ glass-ceramic Multicenter retrospective study of implants loaded with functional prostheses 8 weeks after insertion	0959-9428	JOURNAL OF MATERIALS CHEMISTRY	15		1353	1359	ROYAL SOC CHEMISTRY	31/01/2005
26119	FJ Gil, A Padros, U.Thalms		1056-6163	Implant dentistry	14	1	43	49	Williams & Wilkins	30/04/2005
26129	L. Ceseracciu, F.Chalvet, E. Jiménez-Piqué, M. Anglada, G. de Portu	Contact Fatigue in Ceramic Laminated Composites	1013-9826	Key engineering materials	290		222	230	Trans Tech Publications	01/01/2005
26131	J Peña, JA Planell, FJ Gil	Effect of the Ms transformation temperature on the wear behaviour of NiTi shape memory alloys for articular prosthesis	0955-7717	Biomedical materials	15		289	293	Elsevier	30/06/2005
26141	E. Fernández, M.D. Vlad, M. Hamcerencu, A. Darie, R. Torres, J. López	Effect of iron on the setting properties of a -TCP bone cements	0022-2461	JOURNAL OF MATERIALS SCIENCE	40	14	3677	3682	KLUWER ACADEMIC PUBL	31/07/2005
26146	A Padros, FJ Gil	optimización superficial del cuello del implante dental para conseguir un sellado biológico: ensayos in vitro con fibroblastos humanos	1133-1615	Revista odontostomatologica de implantes	13	2	81	89	Rocas	28/02/2005
26155	J. Calvo, A. Rezaeian, J.M. Cabrera, S. Yue.	Effect of the thermal cycle on the hot ductility and fracture mechanisms of a C-Mn steel	0213-3725	Anales de mecanica de la fractura	22		184	189	Secretaria del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26159	M. El Wahabi, L. Gavard, J.M. Cabrera, J.M. Prado, F. Montheillet	EBSD study of purity effects during hot working in austenitic stainless steels	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	393		83	90	ELSEVIER SCIENCE SA	28/02/2005
26165	L. Llanes, B. Casas, E. Iañez, M. Marsal y M. Anglada.	Surface Integrity Effects on the Fracture Resistance of Electrical-Discharge Machined WC-Co Cemented Carbides	0002-7820	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	87	9	1687	1693	AMER CERAMIC SOC	30/09/2004
26167	A. Gironés, L. Llanes, M. Anglada y A. Mateo	Influence of Artificial Seawater on the Cyclic Response of Superduplex Stainless Steels	0142-1123	INTERNATIONAL JOURNAL OF FATIGUE	27		197	202	ELSEVIER SCI LTD	28/02/2005
26169	Y. Torres, M. Anglada, L. Llanes, J.F. Bartolomé, M. Diaz y J.S. Moya	Fracture and Fatigue Behaviour of Mullite/Molybdenum Composites	1013-9826	Key engineering materials	290		110	120	Trans Tech Publications	30/06/2005

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26170	R. Bernejo, L. Llanes, M. Anglada, P. Supancic y T. Lube	Thermal Shock Behavior of an Al ₂ O ₃ /ZrO ₂ Multilayered Ceramic with Residual Stresses	1013-9826	Key engineering materials	290		191	198	Trans Tech Publications	30/06/2005
26171	A. Gironés, L. Llanes, M. Anglada y A. Mateo	Influence of Temperature and Strain Rate on the Low Cycle Fatigue of Duplex Stainless Steels	0334-6455	HIGH TEMPERATURE MATERIALS AND PROCESSES	24	2	125	130	FREUND PUBLISHING HOUSE LTD	30/04/2005
26172	D. Casellas, M.M. Nagl, L. Llanes y M. Anglada	Microstructural Coarsening of Zirconia-Toughened Alumina Composites	0002-7820	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	88	7	1958	1963	AMER CERAMIC SOC	31/07/2005
26188	Rodríguez, J.; Ayala, D.; Grau, S.	VolumeEVM: A new approach for surface/volume integration	0097-8493	COMPUTERS & GRAPHICS-UK	29	2	217	224	PERGAMON-ELSEVIER SCIENCE LTD	30/04/2005
26194	Y. Torres, S. Rodríguez, A. Mateo, M. Anglada and L. Llanes	Fatigue behavior of powder metallurgy high-speed steels: fatigue limit prediction using a crack growth threshold-based approach	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	387-389		501	504	ELSEVIER SCIENCE SA	31/12/2004
26197	Joan Arinyo, R.; Soto Riera, A	Searching the solution space in constructive geometric constraint solving	0924-669X	APPLIED INTELLIGENCE	22	2	109	124	KLUWER ACADEMIC PUBL	30/04/2005
26198	Joan Arinyo, R.	A brief on constraint solving	0010-4485	COMPUTER-AIDED DESIGN	2	5	655	663	ELSEVIER SCI LTD	30/06/2005
26200	E. Araya, A. Rodríguez, A. Spada, J. Joglar, A. Llevaia, C. Lagunas, A. G. Fernandez, S. Spisiani y J. J. Perez	Synthesis and Evaluation of Diverse Analogs of Amygdalin as Potential Peptidomimetics of Peptide T	0960-894X	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	15		1493	1496	PERGAMON-ELSEVIER SCIENCE LTD	30/06/2005
26204	Juan J. Perez	Managing molecular diversity	0306-0012	CHEMICAL SOCIETY REVIEWS	34		143	152	ROYAL SOC CHEMISTRY	31/07/2005
26209	K. Bisetty, J. Gomez-Catalan, H. G. Kruger i J.J.Perez	Conformational analysis of small peptides of the type Ac-X-Me, where X=Gly,Ala,Aib and Cage	0166-1280	JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM	73		127	137	ELSEVIER SCIENCE BV	31/07/2005
26222	García-Romero, A.M. Irisarri, M. Anglada and C. García-Cordovilla	Study of the porosity produced in an aluminum alloy matrix composite due to a T6 heat treatment	1073-5623	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIAL	35 A		2503	2505	MINERALS METALS MATERIALS SOC	31/01/2005
26264	D.Casellas, A. Beltran, J.M.Prado, A. Larson, A. Romero	Microstructural effects on the dry wear resistance of powder metallurgy Al-Si alloys	0043-1648	WEAR	257	7-8	730	739	ELSEVIER SCIENCE SA	31/10/2004
26271	A.Feder and M. Anglada	Low-temperature ageing degradation of 2.5Y-TZP heat-treated at 1650 °C	0955-2219	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	25		3117	3124	ELSEVIER SCI LTD	31/01/2005
26274	Guidoni, A. Dudek, S. Patsias and M. Anglada.	Fracture behaviour of thermal barrier coatings after high temperature exposure in air	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	397		209	214	ELSEVIER SCIENCE SA	31/01/2005
26275	E. Jiménez-Piquei, L. Ceseracci, F. Chalvet, M. Anglada and G. de Portu	Hertzian contact fatigue on alumina/alumina-zirconia laminated composites	0955-2219	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	25		3393	3401	ELSEVIER SCI LTD	31/01/2005
26277	Y. Torres, V.K. Sarin, M. Anglada and L. Llanes	Loading mode effects on the fracture toughness and fatigue crack growth resistance of WC-Co cemented carbides	1359-6462	SCRIPTA MATERIALIA	52	11	1087	1091	PERGAMON-ELSEVIER SCIENCE LTD	01/06/2005
26278	E. Tarrés, Y. Torres, M. Anglada, y L. Llanes	Daño por Contacto Hertziano en carburos cementados WC-Co: influencia de la microestructura y de los parámetros de contacto	0213-3725	Anales de mecanica de la fractura	22		300	305	Secretaría del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26283	L. Ceseracci, F. Chalvet, G. De Portu, M. Anglada and E. Jiménez-Piquei.	Surface contact degradation of multilayer ceramics under cyclic subcritical loads and high number of cycles	0263-4368	INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS	23		375	381	ELSEVIER SCI LTD	31/01/2005
26288	A. Gironés, P. Villechaise, A. Mateo, M. Anglada and J. Méndez	EBSID studies on the influence of texture on the surface damage mechanisms developed in cyclically loaded aged duplex stainless steels	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	387-389		516	521	ELSEVIER SCIENCE SA	31/12/2004
26297	M.LI. Maspoch, H.E. Ferrando, et al.	The Effect of Glass Fibre and a Phosphorus-Containing Flame Retardant on the Flammability of Recycled PET	1022-1360	MACROMOLECULAR SYMPOSIA	221		175	184	WILEY-V C H VERLAG GMBH	31/01/2005
26301	G. Guidoni, Y. Torres, and M. Anglada	Mechanical Properties of Thermal Barrier Coatings at room temperature	0921-5093	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROST	290		336	339	ELSEVIER SCIENCE SA	30/04/2005
26302	J.I. Velasco, V. Realinho, M.Sánchez-Soto, A.B. Martínez	Refuerzo de la tenacidad a la fractura de polimeros amorfos por incorporación de nanopartículas laminares de hidróxidos dobles.	0213-3725	Anales de mecanica de la fractura	22		224	230	Secretaría del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26303	A. García Romero, M. Anglada y A. M. Irisarri, Arón	Estudio del comportamiento frente al desgaste de un material compuesto de matriz aleación de aluminio	0213-3725	Anales de mecanica de la fractura	22		288	293	Secretaría del Grupo Español de Fractura, C.E. I.T.	31/03/2005
26331	Hvizdos, Pavol	Compressive creep testing of Pt-Y ₂ O ₃ composites	0334-6455	HIGH TEMPERATURE MATERIALS AND PROCESSES	24	3	189	192	FREUND PUBLISHING HOUSE LTD	30/06/2005
26429	Cuadra, A.; Gago, J.L.; Reventós, F.	Analysis of a main steam line break in ascó nuclear power plant	0029-5450	NUCLEAR TECHNOLOGY	146	1	41	48	AMER NUCLEAR SOCIETY	31/10/2004
26521	M.I. García-Planas	A SIMPLE ALGORITHM TO OBTAIN A BRUNOVSKY BASES FOR ONE INPUT CONTROLLABLE PAIRS OF MATRICES	1311-6789	International Journal of Computational and Numerical Analysis and Applications	5	4	349	360	Acad. Publ., Medical Univ. Sofia	31/12/2004
26685	Danelia Sabillón Rodríguez, Lázaro V. Cremades	Determinación de los Factores de Emisión de Monoterpenos en Tres Especies Típicas de la Vegetación Terrestre Mediterránea: Pinus pinea, Pinus halepensis y Quercus ilex	FICT-0397	Contaminación, Ambiente y Salud		6	85	86	CESCO-SERNA	31/01/2005
26816	M.A. Barja	Review of l'article: The Severi inequality K ² 2igeq4chi for surfaces of maximal Albanese dimension. Autor: Pardini, Rita.	0025-5629	Mathematical reviews					American Mathematical Society	31/03/2005
26873	E. VElo	L'haiku, element clau de la poesia japonesa	1698-563X	Alga		53	1	16	Alga Grupo de Poesía	30/04/2005

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27002	A. Canals, M. Purciolas, J. Aymami and M. Coll	The anticancer agent ellipticine unwinds DNA by intercalative binding in an orientation parallel to base pairs	0907-4449	ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY	61	7	1009	1012	MUNKSGAARD INT PUBL LTD	31/07/2005
27014	F. Roure, P. Rigo, M.M. Pastor	Sistema didáctico para ensayo de elementos estructurales a flexión	0212-5072	Anales de ingeniería mecánica		15	857	865	Asociación Española de Ingeniería Mecánica	31/12/2004
27018	F.PUERTA, X.PUERTA,I.ZABALLA	ON THE GEOMETRY OF THE SOLUTIONS OF THE COVER PROBLEM	0363-0129	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	45	2	389	413	SIAM PUBLICATIONS	31/05/2005