

Authors	Title	Journal	Year
Iglesias-Ponte, D; Marrero, JC	Jacobi groupoids and generalized Lie bialgebroids	JOURNAL OF GEOMETRY AND PHYSICS	2003
Iglesias, D; Marrero, JC	Generalized Lie bialgebras and Jacobi structures on Lie groups	ISRAEL JOURNAL OF MATHEMATICS	2003
Munoz, V; Presas, F	Semipositive bundles and Brill-Noether theory	BULLETIN OF THE LONDON MATHEMATICAL SOCIETY	2003
de Leon, M	Spanish mathematics at its crossroads	ARBOR-CIENCIA PENSAMIENTO Y CULTURA	2007
De Leon, M; De Diego, DM; Santamaria-Merino, A	Symmetries in classical field theory	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2004
M. de León:	Las Matemáticas son un arma cargada de futuro.	Matematicalia	2005
De Leon, M; Marin-Solano, J; Marrero, JC; Munoz-Lecanda, MC; Roman-Roy, N	Pre-multisymplectic constraint algorithm for field theories	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2005
Benito, R; De Leon, M; De Diego, DM	Higher-order discrete Lagrangian mechanics	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2006
Cortes, J; De Leon, M; Marrero, JC; De Diego, DM; Martinez, E	A survey of Lagrangian Mechanics and control on Lie algebroids and groupoids	INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS	2006
Muñoz, V.	Interview with Andrei Okounov, Fields Medal 2006 ICM	GACETA REAL SOC.MATEMATICA ESPAÑOLA 9	2006
Auroux, Denis; Muñoz, Vicente; Presas, Francisco	Lagrangian submanifolds and Lefschetz pencils.	J. Symplectic Geom.	2005
Fernández, M.; Muñoz, V.	Homotopy properties of symplectic blow-ups.	(Publicaciones de la RSME),	2005
M. de León, J. Marín-Solano, J.C. Marrero, M. C. Munoz-Lecanda y N. Román-Roy	Constraint algorithm for singular field theories,	Publicaciones de la RSME	2005
de Leon, M; de Diego, DM; Santamaria-Merino, A	Geometric numerical integration of nonholonomic systems and optimal control problems	EUROPEAN JOURNAL OF CONTROL	2004
Presas, F	A class of non-fillable contact structures	GEOMETRY & TOPOLOGY	2007
Ferraro, S; de Diego, DM	Discussion on: "Symmetry Reduction and Control of the Dynamics of a 2D Rigid Circular Cylinder and a Point Vortex: Vortex Capture and Scattering"	EUROPEAN JOURNAL OF CONTROL	2007
Bradlow, SB; Garcia-Prada, O; Munoz, V; Newstead, PE	Coherent systems and Brill-Noether theory	INTERNATIONAL JOURNAL OF MATHEMATICS	2003
Munoz, V; Ortega, D; Vazquez-Gallo, MJ	Hodge polynomials of the moduli spaces of pairs	INTERNATIONAL JOURNAL OF MATHEMATICS	2007
Marrero, JC; de Diego, DM; Martinez, E	Discrete Lagrangian and Hamiltonian mechanics on Lie groupoids	NONLINEARITY	2006
Calvo, O; Munoz, V; Presas, F	Codimension one symplectic foliations	REVISTA MATEMATICA IBEROAMERICANA	2005
Grabowski, J; Iglesias, D; Marrero, JC; Padron, E; Urbanski, P	Jacobi structures on affine bundles	ACTA MATHEMATICA SINICA-ENGLISH SERIES	2007
de Leon, M; de Diego, DM; Santamaria-Merino, A	Discrete variational integrators and optimal control theory	ADVANCES IN COMPUTATIONAL MATHEMATICS	2007
M. de León	Matemáticas y el CSIC: El reencuentro		2005
de Leon, M; Marrero, JC; Martinez, E	Lagrangian submanifolds and dynamics on Lie algebroids	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2005

Barbero-Linan, M; Echeverria-Enriquez, A; de Diego, DM; Munoz-Lecanda, MC; Roman-Roy, N	Skinner-Rusk unified formalism for optimal control systems and applications	JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL	2007
Cortes, J; Martinez, S	Configuration controllability of mechanical systems underactuated by one control	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	2003
Cortes, J; De Leon, M; De Diego, DM; Martinez, S	Geometric description of vakonomic and nonholonomic dynamics comparison of solutions	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	2003
de Leon, M; Lopez, B; Marrero, JC; Padron, E	On the computation of the Lichnerowicz-Jacobi cohomology	JOURNAL OF GEOMETRY AND PHYSICS	2003
Cendra, H; Ibort, A; de Leon, M; de Diego, DM	A generalization of Chetaev's principle for a class of higher order nonholonomic constraints	JOURNAL OF MATHEMATICAL PHYSICS	2004
de Leon, M; de Diego, DM; Santamaria-Merino, A	Geometric integrators and nonholonomic mechanics	JOURNAL OF MATHEMATICAL PHYSICS	2004
Benito, R; de Diego, DM	Discrete vakonomic mechanics	JOURNAL OF MATHEMATICAL PHYSICS	2005
Vacaru, SI	Exact solutions with noncommutative symmetries in Einstein and gauge gravity	JOURNAL OF MATHEMATICAL PHYSICS	2005
Biswas, I; Munoz, V	The Torelli theorem for the moduli spaces of connections on a Riemann surface	TOPOLOGY	2007
Iglesias, D; Marrero, JC; de Diego, DM; Sosa, D	General framework for nonholonomic mechanics: Nonholonomic systems on Lie affgebroids	JOURNAL OF MATHEMATICAL PHYSICS	2007
Echeverria-Enriquez, A; de Leon, M; Munoz-Lecanda, MC; Roman-Roy, N	Extended Hamiltonian systems in multisymplectic field theories	JOURNAL OF MATHEMATICAL PHYSICS	2007
Cortes, J; Martinez, S	The consistency problem in optimal control: The degenerate case	REPORTS ON MATHEMATICAL PHYSICS	2003
de Leon, M; Cortes, J; de Diego, DM; Martinez, S	General symmetries in optimal control	REPORTS ON MATHEMATICAL PHYSICS	2004
Fox, DJF	Contact projective structures	INDIANA UNIVERSITY MATHEMATICS JOURNAL	2005
Vankerschaver, J; Cantrijn, F; de Leon, M; de Diego, DM	Geometric aspects of nonholonomic field theories	REPORTS ON MATHEMATICAL PHYSICS	2005
Iglesias, D; Marrero, JC; Padron, E; Sosa, D	Lagrangian submanifolds and dynamics on Lie affgebroids	REPORTS ON MATHEMATICAL PHYSICS	2006
Fox, DJF	Contact Schwarzian derivatives	NAGOYA MATHEMATICAL JOURNAL	2005
de Leon, M	Spanish mathematics at its crossroads	ARBOR-CIENCIA PENSAMIENTO Y CULTURA	2007
Garcia-Prada, O; Gothen, PB; Munoz, V	Betti numbers of the moduli space of rank 3 parabolic Higgs bundles	MEMOIRS OF THE AMERICAN MATHEMATICAL SOCIETY	2007
Fernández, M.; Muñoz, V.	The geography of non-formal manifolds. Complex, Contact and Symmetric Manifolds - In Honor of L. Vanhecke	Progress in Mathematics	2005
Fernandez, M; Munoz, V	Formality of Donaldson submanifolds	MATHEMATISCHE ZEITSCHRIFT	2005
Fernandez, M; Munoz, V	Formality of donaldson submanifolds	MATHEMATISCHE ZEITSCHRIFT	2007
Munoz, V; Wang, BL	Seiberg-Witten-Floer homology of a surface times a circle for non-torsion spin(C) structures	MATHEMATISCHE NACHRICHTEN	2005
Fernandez, M; Munoz, V; Ugarte, L	Weakly Lefschetz symplectic manifolds	TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY	2007

Iglesias, David; Marrero, Juan Carlos; Martín de Diego, David; Martínez, Eduardo; Padrón, Edith	Reduction of symplectic Lie algebroids by a Lie subalgebroid and a symmetry Lie group	SIGMA	2007
Manuel de León	La Cooperación Matemática Española con Latinoamérica	Transatlántica de Educación	2007
Manuel de León	La Fundación Europea para la Ciencia, una desconocida para los científicos españoles.	La Gaceta de la RSME	2007
U. Persson y V. Muñoz	Interviews with three Fields medalists	Notices of the AMS	2007
Fox, DJF	Projectively invariant star products	INTERNATIONAL MATHEMATICS RESEARCH PAPERS	2005
Biswas, I.; Muñoz, V.	Moduli spaces of connections on a Riemann surface	Proceedings of the International Workshop on "Teichmüller theory and moduli problems", Allahabad (Ramanujan Mathematical Society)	2006
Fernández, M.; Muñoz, V.	Non-formal compact manifolds with small Betti numbers	CONTEMPORARY GEOMETRY AND RELATED TOPICS	2006
Manuel de León	Las matemáticas: instrumento de paz, cooperación y desarrollo.	Epsilon	2007
V. Muñoz	Conjetura del Rango Toral	Conferencias FME Volum III, Curs Gauss 2005-2006, 359-379. Publicaciones de la Sociedad Catalana de Matematicas.	2007
Fernández, Marisa; Muñoz, Vicente	The geography of non-formal manifolds. Complex, contact and symmetric manifolds,	Progr. Math.	2005
Fernández, Marisa; Muñoz, Vicente	The geography of non-formal manifolds	Progr. Math.	2005
M. de León	Monográfico constantes de la naturaleza	Ciencia digital	2005
M. de León	El Comité Español de Matemáticas (CeMAT): vertebrando las matemáticas españolas.	Matematicalia	2005
Fernandez, M; Munoz, V	On non-formal simply connected manifolds	TOPOLOGY AND ITS APPLICATIONS	2004
Iglesias-Ponte, D; Wade, A	Contact manifolds and generalized complex structures	JOURNAL OF GEOMETRY AND PHYSICS	2005
Grabowski, J; Iglesias, D; Marrero, JC; Padron, E; Urbanski, P	Poisson-Jacobi reduction of homogeneous tensors	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	2004