AdriÃ¡n Ruiz ServÃ¡n

List of Publications by Year
in descending order

17 papers	89 citations	1684188 5 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	27 citing authors

#	Article	IF	Citations
1	$lambda$ -Symmetries and integrability by quadratures. IMA Journal of Applied Mathematics, 2017, 82, 1061-1087.	1.6	19
2	On the integrability of Liénard I-type equations via λ-symmetries and solvable structures. Applied Mathematics and Computation, 2018, 339, 888-898.	2.2	13
3	First integrals and parametric solutions of third-order ODEs admitting $ {mathfrak{sl}(2,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.1	10
4	Generalized Solvable Structures and First Integrals for ODEs Admitting an ??(2, ℝ) Symmetry Algebra. Journal of Nonlinear Mathematical Physics, 2019, 26, 188.	1.3	7
5	Exact general solution and first integrals of a remarkable static Euler-Bernoulli beam equation. Communications in Nonlinear Science and Numerical Simulation, 2019, 69, 261-269.	3.3	7
6	On the commutator of ${mathcal{C}^{infty}}$ -symmetries and the reduction of Euler–Lagrange equations. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 145202.	2.1	6
7	Solvable Structures Associated to the Nonsolvable Symmetry Algebra sl(2,R). Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	6
8	Applications of $$mathcal{C}^{infty }$$ -Symmetries in the Construction of Solvable Structures. SEMA SIMAI Springer Series, 2016, , 387-403.	0.7	4
9	Authoring of educational mobile apps for the mathematics-learning analysis. , 2018, , .		3
10	Integration methods for equations without enough Lie point symmetries. AIP Conference Proceedings, 2019, , .	0.4	3
11	Moving frames for Lie symmetries reduction of nonholonomic systems. Acta Mechanica, 2019, 230, 2963-2978.	2.1	3
12	First Integrals of Differential Operators from SL(2,ℝ) Symmetries. Mathematics, 2020, 8, 2167.	2.2	2
13	On the integrability of GL(2,ℝ)-invariant fourth-order ordinary differential equations. Mathematical Methods in the Applied Sciences, 0, , .	2.3	2
14	Variational λ-symmetries and exact solutions to Euler-Lagrange equations lacking standard symmetries. Mathematical Methods in the Applied Sciences, 2022, 45, 10946-10958.	2.3	2
15	The Calculation and Use of Generalized Symmetries for Second-Order Ordinary Differential Equations. Springer Proceedings in Mathematics and Statistics, 2018, , 137-158.	0.2	1
16	Construction of Solvable Structures from $$mathfrak {so}(3,mathbb {C})$$so(3,C). Springer Proceedings in Mathematics and Statistics, 2018, , 53-65.	0.2	1
17	Involutive pairs of λ-symmetries for nth-order ordinary differential equations. Journal of Computational and Applied Mathematics, 2019, 354, 562-568.	2.0	0