Adriano Da Silva

List of Publications by Year
in descending order

		1040056	1058476
30	197	9	14
papers	citations	h-index	g-index
30	30	30	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controllability of Linear Systems on Solvable Lie Groups. SIAM Journal on Control and Optimization, 2016, 54, 372-390.	2.1	32
2	Invariance entropy of hyperbolic control sets. Discrete and Continuous Dynamical Systems, 2015, 36, 97-136.	0.9	21
3	Controllability of Linear Systems on Lie Groups with Finite Semisimple Center. SIAM Journal on Control and Optimization, 2017, 55, 1332-1343.	2.1	20
4	Invariance entropy for random control systems. Mathematics of Control, Signals, and Systems, 2013, 25, 491-516.	2.3	16
5	On the characterization of the controllability property for linear control systems on nonnilpotent, solvable three-dimensional Lie groups. Journal of Differential Equations, 2019, 266, 8233-8257.	2.2	14
6	Outer Invariance Entropy for Linear Systems on Lie Groups. SIAM Journal on Control and Optimization, 2014, 52, 3917-3934.	2.1	13
7	Robustness of critical bit rates for practical stabilization of networked control systems. Automatica, 2018, 93, 397-406.	5.0	12
8	Control sets of linear systems on Lie groups. Nonlinear Differential Equations and Applications, 2017, 24, 1.	0.8	11
9	The control set of a linear control system on the two dimensional Lie group. Journal of Differential Equations, 2020, 268, 6683-6701.	2.2	10
10	Control sets of linear systems on semi-simple Lie groups. Journal of Differential Equations, 2020, 269, 449-466.	2.2	9
11	Affine and bilinear systems on Lie groups. Systems and Control Letters, 2018, 117, 23-29.	2.3	4
12	Lyapunov exponents and partial hyperbolicity of chain control sets on flag manifolds. Israel Journal of Mathematics, 2019, 232, 947-1000.	0.8	4
13	Central periodic points of linear systems. Journal of Differential Equations, 2021, 272, 310-329.	2.2	4
14	Control systems on flag manifolds and their chain control sets. Discrete and Continuous Dynamical Systems, 2017, 37, 2301-2313.	0.9	4
15	Topological conjugacy of linear systems on Lie groups. Discrete and Continuous Dynamical Systems, 2017, 37, 3411-3421.	0.9	4
16	Linear control systems on the homogeneous spaces of the 2D Lie group. Journal of Differential Equations, 2022, 314, 850-870.	2.2	4
17	A semigroup associated to a linear control system on a Lie group. Systems and Control Letters, 2016, 98, 33-36.	2.3	3
18	Invariance entropy for a class of partially hyperbolic sets. Mathematics of Control, Signals, and Systems, 2018, 30, 1.	2.3	3

#	Article	IF	Citations
19	Topological Fiber Entropy for Linear Flows on Vector Bundles. Journal of Dynamical and Control Systems, 2014, 20, 475-490.	0.8	2
20	Affine systems on Lie groups and invariance entropy. , 2016, , .		2
21	About the solutions of linear control systems on Lie groups. Proyecciones, 2016, 35, 491-503.	0.3	1
22	About the continuity of reachable sets of restricted affine control systems. Chaos, Solitons and Fractals, 2017, 94, 37-43.	5.1	1
23	The dynamic of a Lie group endomorphism. Open Mathematics, 2017, 15, 1477-1486.	1.0	1
24	Jordan decomposition and the recurrent set of flows of automorphisms. Discrete and Continuous Dynamical Systems, 2021, 41, 1543-1559.	0.9	1
25	Geometric Structures Generated by the Same Dynamics. Recent Results and Challenges. Symmetry, 2022, 14, 661.	2.2	1
26	On the continuity of the invariance entropy for hyperbolic linear control systems on Lie groups. , 2019, , .		0
27	Seções cônicas e sistemas dinâmicos. , 0, , .		0
28	Aplicação de Espectroscopia Raman no monitoramento da sÃntese de biodiesel. , 0, , .		0
29	Impressão 3D de milirreatores com defletores triangulares para fermentação alcoólica do suco de uva. , 0, , .		0
30	On the structural properties of the bounded control set of a linear control system. Nonlinear Differential Equations and Applications, 2022, 29, .	0.8	0