Aissa Guesmia

List of Publications by Year
in descending order

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32 papers	710 citations	623188 14 h-index	552369 26 g-index
32 all docs	32 docs citations	32 times ranked	140 citing authors

#	Article	IF	Citations
1	General energy decay estimates of Timoshenko systems with frictional versus viscoelastic damping. Mathematical Methods in the Applied Sciences, 2009, 32, 2102-2122.	1.2	126
2	Asymptotic stability of abstract dissipative systems with infinite memory. Journal of Mathematical Analysis and Applications, 2011, 382, 748-760.	0.5	91
3	On the control of a viscoelastic damped Timoshenko-type system. Applied Mathematics and Computation, 2008, 206, 589-597.	1.4	51
4	A general decay result for a viscoelastic equation in the presence of past and finite history memories. Nonlinear Analysis: Real World Applications, 2012, 13, 476-485.	0.9	50
5	Well-posedness and exponential stability of an abstract evolution equation with infinite memory and time delay. IMA Journal of Mathematical Control and Information, 2013, 30, 507-526.	1.1	43
6	Bresse system with infinite memories. Mathematical Methods in the Applied Sciences, 2015, 38, 2389-2402.	1.2	35
7	On the stabilization of Timoshenko systems with memory and different speeds of wave propagation. Applied Mathematics and Computation, 2013, 219, 9424-9437.	1.4	34
8	A general stability result in a Timoshenko system with infinite memory: A new approach. Mathematical Methods in the Applied Sciences, 2014, 37, 384-392.	1.2	33
9	Asymptotic behavior for coupled abstract evolution equations with one infinite memory. Applicable Analysis, 2015, 94, 184-217.	0.6	32
10	Some well-posedness and stability results for abstract hyperbolic equations with infinite memory and distributed time delay. Communications on Pure and Applied Analysis, 2015, 14, 457-491.	0.4	22
11	Some well-posedness and general stability results in Timoshenko systems with infinite memory and distributed time delay. Journal of Mathematical Physics, 2014, 55, .	0.5	21
12	Uniform and weak stability of Bresse system with two infinite memories. Zeitschrift Fur Angewandte Mathematik Und Physik, 2016, 67, 1.	0.7	21
13	Some stability results for timoshenko systems with cooperative frictional and infinite-memory dampings in the displacement. Acta Mathematica Scientia, 2016, 36, 1-33.	0.5	21
14	NEW GENERAL DECAY RATES OF SOLUTIONS FOR TWO VISCOELASTIC WAVE EQUATIONS WITH INFINITE MEMORY. Mathematical Modelling and Analysis, 2020, 25, 351-373.	0.7	19
15	Asymptotic Stability of Bresse System with One Infinite Memory in the Longitudinal Displacements. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.4	16
16	New decay results for a viscoelastic-type Timoshenko system with infinite memory. Zeitschrift Fur Angewandte Mathematik Und Physik, 2021, 72, 1.	0.7	14
17	Non-exponential and polynomial stability results of a Bresse system with one infinite memory in the vertical displacement. Nonautonomous Dynamical Systems, 2017, 4, 78-97.	0.3	13
18	Well-posedness and stability results for the Kortewegâ€“de Vriesâ€“Burgers and Kuramotoâ€“Sivashinsky equations with infinite memory: A history approach. Nonlinear Analysis: Real World Applications, 2022, 65, 103508.	0.9	11

#	Article	IF	Citations
19	On the stability of Timoshenko-type systems with internal frictional dampings and discrete time delays. Applicable Analysis, 2017, 96, 2075-2101.	0.6	10
20	Well-posedness and stability results for laminated Timoshenko beams with interfacial slip and infinite memory. IMA Journal of Mathematical Control and Information, 0, , .	1.1	8
21	The effect of the heat conduction of types I and III on the decay rate of the Bresse system via the longitudinal displacement. Arabian Journal of Mathematics, 2019, 8, 15-41.	0.4	7
22	On the stability of a laminated Timoshenko problem with interfacial slip in the whole space under frictional dampings or infinite memories. Nonautonomous Dynamical Systems, 2020, 7, 194-218.	0.3	7
23	Well-posedness and energy decay for Timoshenko systems with discrete time delay under frictional damping and/or infinite memory in the displacement. Afrika Matematika, 2017, 28, 1253-1284.	0.4	5
24	Stability and instability results for Cauchy laminated Timoshenko-type systems with interfacial slip and a heat conduction of Gurtinâ€“Pipkinâ€™s law. Zeitschrift Fur Angewandte Mathematik Und Physik, 2022, 73, 1.	0.7	4
25	Laminated Timoshenko beams with interfacial slip and infinite memories. Mathematical Methods in the Applied Sciences, 2022, 45, 4408-4427.	1.2	4
26	Well posedness and asymptotic behavior of a wave equation with distributed timeâ€delay and Neumann boundary conditions. Mathematical Methods in the Applied Sciences, 2019, 42, 4584-4605.	1.2	3
27	The effect of the heat conduction of types I and III on the decay rate of the Bresse system via the vertical displacement. Applicable Analysis, 2022, 101, 2446-2471.	0.6	3
28	New decay rates for a Cauchy thermoelastic laminated Timoshenko problem with interfacial slip under Fourier or Cattaneo laws. Mathematical Methods in the Applied Sciences, 2022, 45, 3439-3462.	1.2	3
29	A General Decay and Optimal Decay Result in a Heat System with a Viscoelastic Term. Acta Mathematica Scientia, 2019, 39, 618-626.	0.5	1
30	Effect of the wave speeds on the decay rate of the thermoelastic structure in the whole line with interfacial slip. Mathematical Methods in the Applied Sciences, 0, , .	1.2	1
31	Uniform and weak stability of Bresse system with one infinite memory in the shear angle displacements. Arabian Journal of Mathematics, 2022, 11, 155-178.	0.4	1
32	Well-posedness and stability results for some nonautonomous abstract linear hyperbolic equations with memory. Semigroup Forum, 0, , .	0.3	0