Impact–contact dynamics in a disc–ball system

Citation Report

#	Article	IF	Citations
1	Ratchet rotation of a 3D dimer on a vibrating plate. European Physical Journal E, 2014, 37, 1.	0.7	61
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3	Asymptotic analysis of Painlevé's paradox. Multibody System Dynamics, 2015, 35, 299-319.	1.7	13
4	Dynamics of a Spinning Disk. Journal of Applied Mechanics, Transactions ASME, 2016, 83, .	1.1	11
5	Stability of periodic modes and bifurcation behaviors in a bouncing-dimer system. Nonlinear Dynamics, 2016, 86, 1477-1492.	2.7	10
6	Docking dynamics between two spacecrafts with APDSes. Multibody System Dynamics, 2016, 37, 245-270.	1.7	9
7	Toppling Dynamics of Regularly Spaced Dominoes in an Array. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	1.1	7
8	The effect of non-spherical aspect of a dimer on the dynamic behaviors. Nonlinear Dynamics, 2018, 94, 2191-2204.	2.7	6
9	Energy dissipation in single ball impact on a fluid-layered specimen with the rubber and steel bed. Industrial Lubrication and Tribology, 2018, 70, 1209-1216.	0.6	1
10	Comparisons of Multiple-Impact Laws For Multibody Systems: Moreau's Law, Binary Impacts, and the LZB Approach. , 2018, , 1-45.		7
11	Theoretical modeling and numerical solution methods for flexible multibody system dynamics. Nonlinear Dynamics, 2019, 98, 1519-1553.	2.7	56
12	Toppling dynamics of a mass-varying domino system. Nonlinear Dynamics, 2019, 98, 2261-2275.	2.7	6
13	Relations among different energy dissipations of Euler disk. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 174501.	0.2	0
14	Modelling multiple-simultaneous impact problems with a nonlinear smooth approach: pool/billiard application. Nonlinear Dynamics, 2022, 107, 1859-1886.	2.7	12