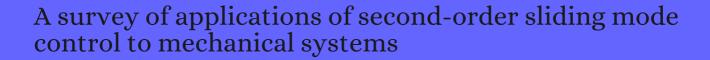
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402	A novel fuzzy second-order sliding mode observer-controller for a T-S fuzzy system with an application for robot control. <b>2013</b> , 14, 1703-1711		16
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## (2013-2013)

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397	High-Order Terminal Sliding-Mode Observer for Parameter Estimation of a Permanent-Magnet Synchronous Motor. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 4272-4280	8.9	147
396	A sliding mode vibration controller for lead screw drives. <b>2013</b> , 19, 276-293		2
395	Discrete-Time Sliding-Mode-Based Differentiation. <i>Lecture Notes in Control and Information Sciences</i> , <b>2013</b> , 299-312	0.5	4
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390	Performance estimation of two-sliding mode controllers for chatter reduction in linear systems. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 423-430	2.5	3
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381	On fixed and finite time stability in sliding mode control. <b>2013</b> ,	69
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378	Finite-time consensus for a network of perturbed double integrators by second-order sliding mode technique. <b>2013</b> ,	18
377	Second Order Sliding Mode-Based Output Feedback Tracking Control for Uncertain Robot Manipulators. <b>2013</b> , 10, 16	14
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322	Optimized continuous non-singular terminal sliding mode control of uncertain flexible manipulators. <b>2015</b> ,		1	
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303	Twisting sliding mode control of an electrostatic MEMS micromirror for a laser scanning system. <b>2015</b> ,		О
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300	Finite-time and fixed-time stabilization: Implicit Lyapunov function approach. <b>2015</b> , 51, 332-340		422
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294	SUB-OPTIMAL ALGORITHM SECOND-ORDER SLIDING MODE CONTROL FOR A SYNCHRONOUS RELUCTANCE MOTOR SPEED DRIVE. <b>2016</b> , 40, 897-908		1
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287	Stability and robustness of homogeneous differential inclusions. <b>2016</b> ,		17
286	Attitude and position tracking of autonomous 6 d.o.f. vehicles with mono-directional actuators. <b>2016</b> ,		2
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284	. <b>2016,</b> 52, 49-59		13
283	Adaptive uniform finite-/fixed-time convergent second-order sliding-mode control. <i>International Journal of Control</i> , <b>2016</b> , 89, 1777-1787	1.5	43
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261	Simple homogeneous sliding-mode controller. <b>2016</b> , 67, 22-32		148
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256	Model-independent position domain sliding mode control for contour tracking of robotic manipulator. <b>2017</b> , 48, 190-199		9

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254	Real-time laser beam stabilization by sliding mode controllers. <b>2017</b> , 91, 3233-3242		3
253	A Nonlinear Sliding Surface in Sliding Mode Control to Reduce Vibrations of a Three-Link Flexible Manipulator. <b>2017</b> , 139,		7
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250	A robust controller for trajectory tracking of a DC motor pendulum system. <b>2017</b> , 15, 1632-1640		6
249	Design of super twisting algorithm for chattering suppression in machine tools. <b>2017</b> , 15, 1259-1266		11
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234	Simultaneous balancing and trajectory tracking control for an omnidirectional mobile robot with a cylinder using switching between two robust controllers. <b>2017</b> , 14, 172988141773872		9
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231	Sliding Mode Based Platooning With Non-Zero Initial Spacing Errors. <b>2017</b> , 1, 274-279		14
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221	State Feedback Finite Time Sliding Mode Stabilization Using Dirty Differentiation * *The results of Section 3 were developed under support of RSF (grant 14-29-00142) in IPME RAS. The results of Section 4 were developed under support of Russian Federation President Grant (No.	0.7	
220	14.W01.16.6325-MD (MD-6325.2016.8)). The other research were partially supported by grants of Sliding-Mode-Based Differentiation and Its Application. <i>JFAC-PapersOnLine</i> , <b>2017</b> , 50, 1699-1704 Pederation, Grant 074-001	0.7	18

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