

Shigeki Hiramatsu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Vibration Control of Automotive Drive System With Nonlinear Gear Backlash. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	27
2	Vibration control of automotive drive system with backlash considering control period constraint. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2019, 13, JAMDSM0018-JAMDSM0018.	0.7	15
3	Fuzzy-reasoning-based robust vibration controller for drivetrain mechanism with various control input updating timings. Mechanism and Machine Theory, 2022, 175, 104957.	4.5	7
4	Application of Physical Function Model to State Estimations of Nonlinear Mechanical Systems. IEEE Access, 2021, 9, 12002-12018.	4.2	5
5	Modeling for Functional Expression of Rotary Apparatus. 1st Report. Clutch and Brake.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1999, 65, 2601-2608.	0.2	4
6	Modeling for Functional Expression of Rotary Apparatus. 2nd Report, Planetary Gear Train.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1999, 65, 3926-3933.	0.2	4
7	Hierarchical Functional Model for Automobile Development. 2nd Report. Functional and Mechanical Models of Engine.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 2082-2089.	0.2	3
8	Hierarchical Functional Model for Automobile Development. 3rd Report. Functional Model of Drivetrain.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 2090-2097.	0.2	3
9	Acceleration Control of Automotive Drive System with Nonlinearity. The Proceedings of the Symposium on the Motion and Vibration Control, 2017, 2017.15, C13.	0.0	1