

Yasutaka Tagawa

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Controller development for the E-Defense shaking table. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2007, 221, 171-181.	1.0	81
2	Vibration controller for overhead cranes considering limited horizontal acceleration. Control Engineering Practice, 2018, 81, 256-263.	5.5	21
3	Inverse dynamics compensation via 'simulation of feedback control systems'. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2011, 225, 137-153.	1.0	20
4	Characteristic transfer function matrix-based linear feedback control system analysis and synthesis. International Journal of Control, 2009, 82, 585-602.	1.9	18
5	Inverse dynamic control via 'simulation of feedback control' by artificial neural networks for a crane system. Control Engineering Practice, 2020, 94, 104203.	5.5	16
6	Study of 6-DOF Microvibration Control Using Feedforward Control. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1997, 63, 1081-1087.	0.2	6
7	Control of Active Microvibration Isolation Equipment by Consideration of the Air Pressure Characteristics in a Tube. Journal of System Design and Dynamics, 2007, 1, 129-137.	0.3	6
8	Design Method for Multiinput Multioutput Microvibration Control System.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1992, 58, 1819-1826.	0.2	5
9	Dynamic whole-body mobile manipulation with a torque controlled humanoid robot via impedance control laws. , 2011, , .		5
10	Sequential Identification Technique of Jacobian Matrix for a Power-Assisted Lifter Using Wire-Driven Parallel Mechanism. Journal of Robotics and Mechatronics, 2004, 16, 228-236.	1.0	5
11	Development of a Power-Assist Lifting Device Using a Multi-DOF Suspension Mechanism. 1st Report. Study of a Power Assist Lifting Device and its Control Technique.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 2009-2015.	0.2	4
12	Linear Model Derivation and Three Variable Control (TVC) of the World Largest 3-D Full-Scale Shaking Table.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2003, 69, 343-348.	0.2	4
13	Simulation Based Control and its Application to a Crane System. , 2013, , .		4
14	Controller Evaluation Technique Using Virtual Test Model in Shaking Table. , 2005, , .		4
15	Active Microvibration Control System Using Piezoelectric Actuator. 2nd Report, Development of Active 6 DOF Microvibration Control System.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1993, 59, 733-739.	0.2	3
16	Shaking Table-Test Model Coupled Dynamics in E-Defense (Simulation Using Linear Model). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 30-36.	0.2	3
17	Shaking-Table Control Taking Account of Reaction Force : Two-Degree-of Freedom Controller Design of Hydraulic Shaking System Focused on Reaction Force(Mechanical Systems). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2009, 75, 2909-2916.	0.2	3
18	Development of Microvibration Testing Device. Realizing Microvibrational Reference Waves Smaller than Floor Vibrations.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1995, 61, 1313-1319.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Development of a Power-Assist Lifting Device Using Multi-DOF Suspension Mechanism (2nd Report.) Tj ETQq1 1 0.784314 rgBT /Overlo Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2004, 70, 1456-1462.	0.2	2
20	Development of an Active Vibration Canceling System Using Inertial Force Generators. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2007, 73, 2948-2954.	0.2	2
21	Development of an Active Vibration-Canceling System Using Inertial Force Generators. Journal of System Design and Dynamics, 2008, 2, 507-517.	0.3	2
22	Vibration Damping and Isolation Systems Using Direct Inertia Force Control. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2008, 74, 1979-1984.	0.2	2
23	Shaking-Table Control Taking Account of Reaction Force (Two-Degree-of-Freedom Controller Design) Tj ETQq1 1 0.784314 rgBT /Overlo Japan Society of Mechanical Engineers, Part C, 2011, 77, 2008-2017.	0.2	2
24	Vibration damping and isolation systems using direct inertia force control. Mechanical Engineering Journal, 2014, 1, DR0004-DR0004.	0.4	2
25	Development of a Pipe Positioning System Using a 5-DOF Suspension Mechanism. , 1999, , .		2
26	Modeling and characteristic analysis of pneumatic positioning system with mechanical feedback. Transactions of the JSME (in Japanese), 2018, 84, 17-00580-17-00580.	0.2	2
27	Study on an Active Mass Damper with Self Tuning System for Floor Vibration Control.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2000, 66, 731-736.	0.2	1
28	Control of a 6DOF Microvibration Testing Device Using Air Actuators.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2000, 66, 771-777.	0.2	1
29	Development of a Built-in Type Multi-Axis Active Vibration Damping and Isolation Device for Small Precision Devices(Mechanical Systems). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2009, 75, 3184-3191.	0.2	1
30	Study on Multi-Axis Active Vibration Canceling and Damping System Using Direct Inertia Force Control(Mechanical Systems). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2009, 75, 1934-1940.	0.2	1
31	Dynamics identification of industrial robots using contact force for the IDCS control. , 2011, , .		1
32	Development of sensorless easy-to-use overhead crane system via simulation based control. Journal of Physics: Conference Series, 2016, 744, 012017.	0.4	1
33	163 Vibration Control Technique in Wire-Driven Parallel Mechanism. The Proceedings of the Dynamics & Design Conference, 2003, 2003, _163-1_-_163-5_.	0.0	1
34	160 Power-Assist Lifting Device Using a Man-Machine Interface System. The Proceedings of the Dynamics & Design Conference, 2003, 2003, _160-1_-_160-6_.	0.0	1
35	B28 Shaking performance of 3-D Full Scale Earthquake shaking Table (E-Defense) and applications after construction. The Proceedings of the Symposium on the Motion and Vibration Control, 2005, 2005.9, 313-316.	0.0	1
36	646 Control of 3DOF Electrical Vibration Testing Device Using DMM Control Method. The Proceedings of the Dynamics & Design Conference, 2009, 2009, _646-1_-_646-4_.	0.0	1

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37	3410 DMM based Motion and Vibration Control for Crane System with Varying Wire Length. The Proceedings of the Transportation and Logistics Conference, 2011, 2011.20, 333-336.	0.0	1
38	Vibration Control of an Industrial Robot with a Flexible Arm Using IDCS. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2013, , 217-224.	0.6	1
39	Development of a suspended-load rotation-control device for cranes with gyroscopic damper and control by wind force (concept, modeling and experiments). Mechanical Engineering Journal, 2020, 7, 20-00268-20-00268.	0.4	1
40	Study of Active Microvibration Control Device Using Piezoelectric Actuator. 1st Report, Fundamental Study of One-Dimensional Microvibration Control.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1991, 57, 2560-2565.	0.2	0
41	Development of a Microvibration Testing Device : Realizing Microvibrational Reference Waves Smaller than Floor Vibrations. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 1996, 39, 272-278.	0.1	0
42	Study on 6DOF Microvibration Testing Device Using Piezoelectric Actuators.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1996, 62, 1669-1675.	0.2	0
43	Development of a High Speed Sorting Machine Using Parallel Wire Mechanism for Recycling Systems.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2001, 67, 1401-1408.	0.2	0
44	Development of a Pipe Positioning System Using a 6-DOF Suspension Mechanism. 1st Report, Study of a Pipe Positioning System and its Control Technique.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2001, 67, 2159-2165.	0.2	0
45	Study on an Active Mass Damper for Floor Vibration Control. Automatic Plant Identification and Controller Design.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2001, 67, 342-348.	0.2	0
46	Control of a 6 DOF Microvibration Testing Device Using Adaptive Digital Filter. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2004, 70, 641-646.	0.2	0
47	Improvement of Motion Control Performance for a Power-Assist Lifting Device Using Wire-Driven Parallel Mechanism. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 1178-1183.	0.2	0
48	Controller Evaluation Technique Using Virtual Test Model in Shaking Tables. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 1710-1716.	0.2	0
49	Control of Active Microvibration Isolation Equipment Considering Air Pressure Characteristics in Tube (Modeling and Vibration Isolation Control Experiment). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2006, 72, 2732-2738.	0.2	0
50	Improvement of the Vibration Damping Performance for Parallel Wire Type Positioning Systems (Technique with Natural Frequency Control and Tuned Mass Damper). Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2012, 78, 66-73.	0.2	0
51	Closed Loop Fusion Technique for the Shaking Table Motion Control. , 2013, , .		0
52	The Introduction of a Methodology to Design High Performance Motion Control via Fusion of Multi-Control Systems for a 3-Dof Electric Shaking Table to Reproduce Seismic Wave. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 3514-3524.	0.2	0
53	Calculation approach of optimum cutting surfaces of extra length of pipe spools. Transactions of the JSME (in Japanese), 2015, 81, 14-00670-14-00670.	0.2	0
54	Development of simple operation crane system for the real application. Journal of Physics: Conference Series, 2016, 744, 012015.	0.4	0

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55	Development of a continuous-passive-motion device with an active training mode for muscle recovery. , 2017, , .		0
56	Acceleration tracking performance improvement of multi-dof shaker. Transactions of the JSME (in) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.2	0
57	Development of practical application for sensorless crane control system. , 2017, , .		0
58	324 Modelling and Control of a Pararell Kinematic Machine : Control Simulation Using DADS. The Proceedings of Conference of Kanto Branch, 2001, 2001.7, 319-320.	0.0	0
59	203 Performance Improvement of a 6DOF Microvibration Testing Device Using Multi Axis Off-Line Feedfoward. The Proceedings of the Symposium on the Motion and Vibration Control, 2001, 2001.7, 187-190.	0.0	0
60	202 Study on Robust Control of Microvibration Testing Device. The Proceedings of the Symposium on the Motion and Vibration Control, 2001, 2001.7, 183-186.	0.0	0
61	412 Development of A Power Assist Lifting Device Using Parallel Wire Mechanism. The Proceedings of Conference of Kanto Branch, 2001, 2001.7, 145-146.	0.0	0
62	F-1413 Driving sense simulation algorithm of the driving simulator : Examination by the jerk. The Proceedings of the JSME Annual Meeting, 2001, IV.01.1, 307-308.	0.0	0
63	Alternative Control Design Approach to Shaking Facilities for Re-Creating Seismic Motion. , 2002, , .		0
64	Study on motion cue of the driving simulator to improve acceleration simulation by angle compensation. The Proceedings of the Transportation and Logistics Conference, 2002, 2002.11, 83-86.	0.0	0
65	Dynamics of "Vibration Testing Device-Test model" Coupled System. The Proceedings of the Symposium on the Motion and Vibration Control, 2003, 2003.8, 337-342.	0.0	0
66	209 Control of the Parallel Link Type Motion Simulator. The Proceedings of the Dynamics & Design Conference, 2003, 2003, _209-1_-_209-6_.	0.0	0
67	Three valuable controller design using acceleration feed back for shaking table control. The Proceedings of the Symposium on the Motion and Vibration Control, 2003, 2003.8, 325-330.	0.0	0
68	Control Performance of Shaking Table-Structure System with Multi Variable Controller. The Proceedings of Conference of Kanto Branch, 2004, 2004.10, 231-232.	0.0	0
69	Acceleration tracking performance improvement in Parallel Link type Motion Simulator. The Proceedings of Conference of Kanto Branch, 2004, 2004.10, 221-222.	0.0	0
70	Power-Assist Lifting Device Using Man-Machine Interface System. The Proceedings of Conference of Kanto Branch, 2004, 2004.10, 215-216.	0.0	0
71	114 Study of Active Control for Elastic Structure. The Proceedings of the Dynamics & Design Conference, 2004, 2004, _114-1_-_114-5_.	0.0	0
72	B24 Control of Shaking Table Using Test Model Reaction Force. The Proceedings of the Symposium on the Motion and Vibration Control, 2005, 2005.9, 293-298.	0.0	0

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73	B23 Development of Simulation Tools for 3-D Full-Scale Earthquake Testing Device. The Proceedings of the Symposium on the Motion and Vibration Control, 2005, 2005.9, 288-292.	0.0	0
74	B25 Study on control of shaking table with different characteristic of actuator. The Proceedings of the Symposium on the Motion and Vibration Control, 2005, 2005.9, 299-302.	0.0	0
75	B32 Control of Active Vibration Isolation Devices Using Pneumatic Actuators with Long Piping System. The Proceedings of the Symposium on the Motion and Vibration Control, 2005, 2005.9, 334-339.	0.0	0
76	21012 Control of 6DOF Active Vibration Isolation Devices Using Pneumatic Actuators with Long Piping System. The Proceedings of Conference of Kanto Branch, 2006, 2006.12, 75-76.	0.0	0
77	21017 Shaking performance of 3-D Full Scale Earthquake shaking Table (E-Defense) with test structure. The Proceedings of Conference of Kanto Branch, 2006, 2006.12, 85-86.	0.0	0
78	2P2-D11 Development of rescue devices designed for citizen : Development of power-assisted hoist and crowbar jack for rescue operation. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2006, 2006, _2P2-D11_1-_2P2-D11_4.	0.0	0
79	1331 Development of Simulation tool for Large-Scale Shaking Table. The Proceedings of the Symposium on the Motion and Vibration Control, 2007, 2007.10, 153-156.	0.0	0
80	21618 Development of a New Active Vibration Canceling System Using Inertial Force Generators. The Proceedings of Conference of Kanto Branch, 2007, 2007.13, 13-14.	0.0	0
81	1322 Vibration Suppression of Lifting Device Using Active Mass Damper. The Proceedings of the Symposium on the Motion and Vibration Control, 2007, 2007.10, 143-146.	0.0	0
82	423 Development of the Parallel Wire Type Handling System With Vibration Suppression Mechanism. The Proceedings of the Dynamics & Design Conference, 2007, 2007, _423-1-_423-5_.	0.0	0
83	422 Modeling of Parallel Link Type Motion Simulators Considering Load Mass. The Proceedings of the Dynamics & Design Conference, 2007, 2007, _422-1-_422-6_.	0.0	0
84	21616 Modeling of Multi Mode Test Body for Full-Scale Shaking Table, E-Defense. The Proceedings of Conference of Kanto Branch, 2007, 2007.13, 9-10.	0.0	0
85	2311 Development of an Active Vibration Canceling and Damping System Using Inertial Force Generator. The Proceedings of the Symposium on the Motion and Vibration Control, 2007, 2007.10, 268-273.	0.0	0
86	2313 Improvement of Reference Following Performance on Parallel Link Type Motion Simulators. The Proceedings of the Symposium on the Motion and Vibration Control, 2007, 2007.10, 279-282.	0.0	0
87	513 Shaking-Table Control Taking Account of Reaction Force. The Proceedings of the Dynamics & Design Conference, 2008, 2008, _513-1-_513-6_.	0.0	0
88	522 Study on the skill-less technology for large size carrier for plant construction. The Proceedings of the Dynamics & Design Conference, 2008, 2008, _522-1-_522-4_.	0.0	0
89	511 Improvement of Performance on Simulator for Large-Scale Shaking Table. The Proceedings of the Dynamics & Design Conference, 2008, 2008, _511-1-_511-6_.	0.0	0
90	529 Built-in Type Multi-Axis Vibration Control Device Using Direct Inertia Force Control. The Proceedings of the Dynamics & Design Conference, 2008, 2008, _529-1-_529-6_.	0.0	0

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91	634 Study on handling carrier device with linear parameter varying. The Proceedings of the Dynamics & Design Conference, 2009, 2009, _634-1_-_634-5_.	0.0	0
92	1C12 Control of a Linear Motor Driven Table via Minimal Control Synthesis. The Proceedings of the Symposium on the Motion and Vibration Control, 2010, 2010, _1C12-1_-_1C12-9_.	0.0	0
93	1201 Motion and Vibration Control of Crane Systems with Varying Length. The Proceedings of the Transportation and Logistics Conference, 2010, 2010.19, 121-124.	0.0	0
94	336 Performance Evaluation of E-Defense Numerical Simulator : Consideration of Nonlinear Dynamics Actuators. The Proceedings of the Dynamics & Design Conference, 2010, 2010, _336-1_-_336-6_.	0.0	0
95	2A1-J03 Multibody Dynamics Modeling and the IDCS for Motion control of Stewart Platform(Parallel) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T (Robomec), 2011, 2011, _2A1-J03_1-_2A1-J03_4.	0.0	0
96	1A1-L02 The IDCS control of industrial robots using inertial identification based on contact force sensor(New Control Theory and Motion Control). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2011, 2011, _1A1-L02_1-_1A1-L02_4.	0.0	0
97	2302 Motion and Vibration Control of Crane Systems via DMM : Implementation experiments with Human Interface Device. The Proceedings of the Transportation and Logistics Conference, 2012, 2012.21, 137-140.	0.0	0
98	2A1-E03 IDCS based controller for industrial robots with a flexible arm(Flexible Robot/Mechanism and) Tj ETQq0 0 0 rgBT /Overlock 10 T 2012, 2012, _2A1-E03_1-_2A1-E03_4.	0.0	0
99	229 High performance motion control via fusion of multi-control systems : Validation of seismic wave reproduction with a 3-dof electric shaking table. The Proceedings of the Dynamics & Design Conference, 2012, 2012, _229-1_-_229-10_.	0.0	0
100	1A2-N04 The IDCS control of humanoid robot "NAO" using inertial identification(Humanoid(2)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2012, 2012, _1A2-N04_1-_1A2-N04_4.	0.0	0
101	3313 High performance motion control systems for Motion Simulator via fusion of multi-control systems. The Proceedings of the Transportation and Logistics Conference, 2012, 2012.21, 277-280.	0.0	0
102	C06 Integration of Identification and Control using Simulation. The Proceedings of the Symposium on the Motion and Vibration Control, 2013, 2013.13, _C06-1_-_C06-9_.	0.0	0
103	2P1-J03 Real time identification with contact force for industrial robots(New Control Theory and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T (Robomec), 2013, 2013, _2P1-J03_1-_2P1-J03_4.	0.0	0
104	C07 Development of the TMD Booster to Improve Damping Performance of Existing TMD by Increasing the Apparent Mass. The Proceedings of the Symposium on the Motion and Vibration Control, 2013, 2013.13, _C07-1_-_C07-10_.	0.0	0
105	Calculation Approach of Optimum Cutting Surfaces of Extra Length of Pipe Spools. , 2013, , .		0
106	20922 Vibration control of active hydraulic engine mount considering the acceleration and deceleration. The Proceedings of Conference of Kanto Branch, 2014, 2014.20, _20922-1_-_20922-2_.	0.0	0
107	10908 Postural Control of Middle joint drive Double Inverted Pendulum with Torsion Spring. The Proceedings of Conference of Kanto Branch, 2014, 2014.20, _10908-1_-_10908-2_.	0.0	0
108	10910 Research on Skill-less Overhead Crane System. The Proceedings of Conference of Kanto Branch, 2014, 2014.20, _10910-1_-_10910-2_.	0.0	0

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109	3D23 Acceleration control of 3DOF shaking table which can suppress reaction force from test models(The 12th International Conference on Motion and Vibration Control). The Proceedings of the Symposium on the Motion and Vibration Control, 2014, 2014.12, _3D23-1_-_3D23-8_.	0.0	0
110	3D26 A unified approach for Composite filter and Controller fusion(The 12th International) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Vibration Control, 2014, 2014.12, _3D26-1_-_3D26-9_.	0.0	0
111	3209 Stability verification and improvement of hybrid dynamic testing(HILS). The Proceedings of the Transportation and Logistics Conference, 2014, 2014.23, 245-248.	0.0	0
112	10909 Motion control of modular multi-body system. The Proceedings of Conference of Kanto Branch, 2014, 2014.20, _10909-1_-_10909-2_.	0.0	0
113	1C15 Development of Full Active Seismic Isolator via Mechanical Control(The 12th International) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Vibration Control, 2014, 2014.12, _1C15-1_-_1C15-11_.	0.0	0
114	2A1-N04 Development of a self-excited jumping robot with eccentric weights(Mechanism and Control) Tj ETQq0 0 0 rgBT /Overlock 10 T (Robomec), 2014, 2014, _2A1-N04_1-_2A1-N04_4.	0.0	0
115	2C15 Dynamics and control of reconfigurable multi-body systems : Control utilizing embedded dynamic models in modules(The 12th International Conference on Motion and Vibration Control). The Proceedings of the Symposium on the Motion and Vibration Control, 2014, 2014.12, _2C15-1_-_2C15-12_.	0.0	0
116	C306 Automatic model generation and control in Model Contained Module. The Proceedings of the Symposium on the Motion and Vibration Control, 2015, 2015.14, 537-542.	0.0	0
117	A202 Vibration suppression of flexible structure using notched characteristics. The Proceedings of the Symposium on the Motion and Vibration Control, 2015, 2015.14, 197-202.	0.0	0
118	Development of 20G acceleration shaking table system enabled by resonant vibration and cancellation of vibration problem at operation. The Proceedings of the Dynamics & Design Conference, 2016, 2016, 218.	0.0	0
119	Vibration cancellation of resonance shaking table via SAMD with adaptive digital filter. The Proceedings of the Dynamics & Design Conference, 2016, 2016, 227.	0.0	0
120	Motion planning of multi body robots using feedback control simulation under multiple physical constrains. The Proceedings of the Asian Conference on Multibody Dynamics, 2016, 2016.8, 42_1290130.	0.0	0
121	Improvement of control performance of the hydraulic shaking table with 1 degree of freedom using specimen reaction force. The Proceedings of the Symposium on the Motion and Vibration Control, 2017, 2017.15, B15.	0.0	0
122	Comparison of distributed control and modal control with AMD in damping buildings in which torsional vibration is dominant. The Proceedings of the Symposium on the Motion and Vibration Control, 2017, 2017.15, C02.	0.0	0
123	Modeling and characteristic analysis of pneumatic positioning system with mechanical feedback. The Proceedings of the Symposium on the Motion and Vibration Control, 2017, 2017.15, B05.	0.0	0
124	Simultaneous Path Planning and Tracking Control in Automated Obstacle Avoidance via Feedback Control Simulation Framework. The Proceedings of the Transportation and Logistics Conference, 2017, 2017.26, 2107.	0.0	0
125	Motion planning of multi body robots using feedback control simulation (In the case of multiple) Tj ETQq1 1 0.784314 rgBT /Overlock 1 0.2	0.0	0
126	Force control of a multi-link robot with its modularized models. The Proceedings of the Dynamics & Design Conference, 2017, 2017, 712.	0.0	0

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127	Structural vibration control with active mass damper by utilizing centrifugal force. The Proceedings of the Dynamics & Design Conference, 2018, 2018, 207.	0.0	0
128	Vibration isolation of washing machine for business applying Double-skyhook effect. The Proceedings of the Dynamics & Design Conference, 2018, 2018, 241.	0.0	0
129	Vibration control for high-rise building with AMD using image processing technology. The Proceedings of the Dynamics & Design Conference, 2018, 2018, 224.	0.0	0
130	Operation correction in consideration of torque and kinetic energy of the multi-link robot. The Proceedings of the Dynamics & Design Conference, 2018, 2018, 709.	0.0	0
131	Inverse dynamic compensation via simulation of feedback control system by artificial neural networks for crane system. The Proceedings of the Dynamics & Design Conference, 2019, 2019, 554.	0.0	0
132	Automobile track generation and tracking control considering vehicle conditions by IDCS. The Proceedings of the Symposium on the Motion and Vibration Control, 2019, 2019.16, C109.	0.0	0
133	Development of external vibration control device with piezoelectric actuator for semiconductor manufacturing equipment. The Proceedings of the Symposium on the Motion and Vibration Control, 2019, 2019.16, A303.	0.0	0
134	Predictive gain scheduled control for Active Mass Damper considering physical constrains. The Proceedings of the Symposium on the Motion and Vibration Control, 2019, 2019.16, B206.	0.0	0
135	Distributed IDCS control of articulated robot with Dynamic Model Contained Module (DMCM). The Proceedings of the Symposium on the Motion and Vibration Control, 2019, 2019.16, C302.	0.0	0
136	Dynamics, Measurement and Control 2019. Transactions of the JSME (in Japanese), 2019, 85, 19-pre02-19-pre02.	0.2	0
137	Development of a master-slave system with pneumatic positioning device. The Proceedings of the Dynamics & Design Conference, 2020, 2020, 550.	0.0	0
138	Development of periodic error suppression control in six-degrees of freedom parallel link shaking table. The Proceedings of the International Conference on Motion and Vibration Control, 2020, 2020.15, 10048.	0.0	0
139	Development of a pneumatic master-slave system comprising entirely mechanical components. Mechanical Engineering Journal, 2020, 7, 19-00430-19-00430.	0.4	0
140	Prototype of a Continuous Passive Motion Device for the Knee Joint with a Function of Active Exercise. Journal of Robotics and Mechatronics, 2022, 34, 28-39.	1.0	0
141	Dynamics identification of industrial robots using contact force for the IDCS control. , 2011, , .		0