

#	Title	Authors	Language	Conference Journal	Conference Name Journal Name	Volume Date	Location	Year
25	Reverse Engineering Based Trunk Lid Torsion Bar Design	1) N. Yasuda 2) S. Nishizawa 3) M. Ikeda 4) T. Sakai	English	C	ICST (International Conference on Spring Technologies)	11/16-18/2015	Tokyo, Japan	2015
24	Experimental Study on the Effect of Coil Spring Reaction Force Vector on McPherson Strut Suspension Characteristics	1) S. Nishizawa 2) T. Nakamura 3) K. Furukawa 4) S. Moriyama 5) R. Sato	English	J	SAE International Journal of Passenger Cars—Mechanical Systems	Vol.	—	2014
23	Experimental Study on the Effect of Coil Spring Reaction Force Vector on McPherson Strut Suspension Characteristics	1) S. Nishizawa 2) T. Nakamura 3) K. Furukawa 4) S. Moriyama 5) R. Sato	English	C	SAE 2014	4/8/2014	Detroit	2014
22	ユニバーサルスプリングによるコイルばね反力線が車両特性に及ぼす影響調査 Experimental Study on the Effect of Coil Spring Reaction Force Vector on McPherson Strut Suspension Characteristics	1) S. Nishizawa 2) T. Nakamura 3) K. Furukawa 4) S. Moriyama 5) R. Sato	Japanese	C	ばね論文集 Transactions of JSSR	11/17/2011	Nagoya, Japan	2013
21	中実スタビライザの線径分布最適化 Optimizing the Wire Diameter Distribution of a Solid Stabilizer Bar	1) S.Nishizawa 2) M. Ikeda 3) T. Sakai	Japanese	J	ばね論文集 Transactions of JSSR	Vol.57 pp.29/39	—	2012
20	スタビライザの肩部形状最適化による耐久性向上 Improving Durability of Stabilizer Bar by Optimizing Shoulder Shape	1) S.Nishizawa 2) M. Ikeda 3) T. Sakai	Japanese	J	ばね論文集 Transactions of JSSR	Vol.56 pp.13/18	—	2011
19	中実スタビライザの線径分布最適化 Optimizing the Wire Diameter Distribution of a Solid Stabilizer Bar	1) S.Nishizawa 2) M. Ikeda 3)T. Sakai	Japanese	C	ばね学会 JSSR	11/17/2011	11/17/2011	2011
18	スタビライザの肩部形状最適化による耐久性向上 Anti-Roll Bar Durability Improvement by Optimizing Bend Shape	1) T. Sakai 2) S. Nishizawa	Japanese	C	ばね学会 JSSR	11/5/2009	Nagoya, Japan	2009
17	リバースエンジニアリングを用いたコイルばねの新設計法 Reverse Engineering Based Coil Spring Design Method	1) S. Nishizawa 2) T. Sakai	Japanese	J	ばね論文集 Transactions of JSSR	Vol.53, pp.13-19	—	2008
16	Design and failure modes of automotive suspension springs	1) Y. Prawoto 2) M. Ikeda 3) S. Manville 4) A. Nishikawa	English	J	Engineering Failure Analysis	Vol.15, Issue 8,pp.1155-1174	—	2008
15	Reverse Engineering Based Coil Spring Design Method	1) S. Nishizawa 2) T. Sakai	English	C	JSSE 60th Anniversary International Symposium	11/2/2007	Nagoya, Japan	2007
14	Failure Analysis of Automotive Suspension Coil Springs	1) Y. Prawoto 2) M. Ikeda 3) S. Manville 4) A. Nishikawa	English	C	MS&T07 Proceeding	9/2007	Detroit	2007
13	Spring Force Line Based Damper Friction Control for Coil-Over-Shock Applications	1) S. Nishizawa 2) T. Sakai 3) M. Ikeda 4) W. Ruiz	English	C	SAE 2006	4/3-4/2006	Detroit	2006
12	Parametric Study of the Coil Spring Force Line Effect on Vehicle Self Steer for McPherson Strut Suspension System	1) S. Nishizawa 2) W. Ruiz 3) M. Ikeda 4) T. Sakai	English	C	SAE 2006	4/3-4/2006	Detroit	2006
11	コイルばねの任意荷重軸発生装置の開発 Development of Programmable Coil Spring Force Line Generator	1) S. Nishizawa 2) A. Kumagai	Japanese	J	ばね論文集 Transactions of JSSR	Vol.50, pp.39-46	—	2005
10	Development of a Universal Spring Mechanism for Automotive Suspension System Design	1) S. Nishizawa 2) J. Logsdon 3) M. Ikeda 4) T. Sugiyama 5) N. Sato 6) I. Otani 7) A. Kumagai 8) J. Harralson 9) P. Pozian 10) T. Hamano	English	C	SAE 2004	3/7-11/2004	Detroit	2004
9	Carbon Restoration for Decarburized Layer in Spring Steel	1) Y. Prawoto 2) N.Sato 3) I. Otani	English	J	Journal of Materials Engineering and Performance (ASM International)	Vol. 4 10/14/2004	—	2004
8	コイルばねの任意荷重軸発生装置の開発～ユニバーサルスプリングの開発～ Development of Programmable Coil Spring Force Line Generator	1) S. Nishizawa 2) J. Logsdon 3) A. Kumagai 4) T. Hamano	Japanese	C	ばね技術研究会 JSSR	11/27/2003 pp.27-30	Nagoya, Japan	2003
7	ラバーシートを考慮したコイルばね荷重軸の解析 Coil Spring Force Line Analysis with Taking Rubber Seat Effect into Consideration	1) S. Nishizawa 2) M. Ikeda 3) J. Logsdon 4) H. Enomoto 5) N. Sato 6) T. Hamano	Japanese	C	ばね技術研究会 JSSR	11/21/2002	Osaka, Japan	2002
6	The Effect of Rubber Seat on Coil Spring Force Line	1) S. Nishizawa 2) M. Ikeda 3) J. Logsdon 4) H. Enomoto 5) N. Sato 6) T. Hamano	English	C	SAE 2002	3/4-7/2002	Detroit	2002
5	Coiling Profile Estimation with Compensation for Setting Deformation	1) S. Nishizawa 2) J. Logsdon 3) M. Ikeda 4) H. Enomoto 5) N. Sato 6) T. Hamano	English	C	SAE 2002	3/4-7/2002	Detroit	2002
4	Modeling of Coil Spring using Parallel Mechanism	1) A. Kumagai 2) S. Nishizawa 3) T. Sugiyama 4) H. Enomoto 5) N. Sato 6) M. Ikeda 7) T. Hamano	English	C	SAE 2001	3/5-8/2001	Detroit	2001
3	Development of L-Shape Coil Spring to Reduce a Friction on the McPherson Strut Suspension System	1) T. Hamano 2) T. Nakamura 3) H. Enomoto 4) N. Sato 5) S. Nishizawa 6) M. Ikeda	English	C	SAE 2001	3/5-8/2001	Detroit	2001
2	NC Control Point Estimator for Shape-Controlled Coil Spring	1) S. Nishizawa 2) M. Ikeda 3) H. Enomoto 4) N. Sato 5) J. Oyama 6) T. Hamano	English	C	SAE 2001	3/5-8/2001	Detroit	2001
1	Development of New High Strength Spring Steel and its Application to Automotive Coil Spring	1) A. Yoneguchi 2) J. Schaad 3) Y.Kurebayashi 4) Y. Ito	English	C	SAE 2000	3/6-9/2000	Detroit	2000