

TECHNICKÁ UNIVERZITA V KOŠICIACH

STROJNÍCKA FAKULTA

Katedra aplikovanej mechaniky a strojného inžinierstva



**Strojnícka
fakulta**

**ZOZNAM PÔVODNÝCH PUBLIKOVANÝCH VEDECKÝCH PRÁC,
ODBORNÝCH PRÁC, UČEBNÍC, UČEBNÝCH TEXTOV**

Ing. Martin Hagara, PhD.

Košice 2021

Skupina A1 - Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD)

Počet záznamov: 2

AAB - Vedecké monografie vydané v domácich vydavateľstvách (2)

Skupina A2 - Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI)

Počet záznamov: 2

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (2)

Skupina B - Publikácie v karentovaných vedeckých časopisoch a autorské osvedčenia, patenty a objavy (ADC, ADD, AEG, AEH, BDC, BDD, CDC, CDD, AGJ)

Počet záznamov: 6

ADC - Vedecké práce v zahraničných karentovaných časopisoch (6)

Skupina C - Ostatné recenzované publikácie (ACC, ACD, ADE, ADF, AEC, AED, AFA, AFB, AFC, AFD, AFE, AFF, AFG, AFH, BBA, BBB, BCK, BDA, BDB, BDE, BDF, BEC, BED, BFA, BFB, BGH, CDE, CDF)

Počet záznamov: 54

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (22)

ADF - Vedecké práce v domácich nekarentovaných časopisoch (4)

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (8)

AFA - Publikované pozvané príspevky na zahraničných vedeckých konferenciách (1)

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (14)

AFD - Publikované príspevky na domácich vedeckých konferenciách (5)

Skupina N - Nové kategórie EPC v zmysle Vyhlášky č. 456/2012 (ADM, ADN, AEM, AEN, BDM, BDN, CBA, CBB)

Počet záznamov: 3

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

Skupina D - Ostatné - mimo kategórií MŠSR

Počet záznamov: 2

BEE - Odborné práce v zahraničných nerecenzovaných zborníkoch (konferenčných aj nekonferenčných) (2)

Počet záznamov spolu: 69

Menný zoznam publikácií:

AAB - Vedecké monografie vydané v domácich vydavateľstvách (2)

AAB001 [163695] **Využitie optických metód v experimentálnej mechanike 2** / František Trebuňa ... [et al.] - 1. vyd - Košice : TU - 2015. - 260 s.. - ISBN 978-80-553-2273-5.
[TREBUŇA, František - ŠIMČÁK, František - HUŇADY, Róbert - PÁSTOR, Miroslav - FRANKOVSKÝ, Peter - HAGARA, Martin]

AAB002 [182211] **Optické metódy v mechanike** / František Trebuňa ... [et al.] - 1. vyd - Košice : TU - 2017. - 550 s.. - ISBN 978-80-553-3168-3.
[TREBUŇA, František - PÁSTOR, Miroslav - HUŇADY, Róbert - FRANKOVSKÝ, Peter - HAGARA, Martin]

ACB - Vysokoškolské učebnice vydané v domácich vydavateľstvách (2)

ACB001 [165527] **Experimentálne metódy mechaniky - Digitálna obrazová korelácia** / František Trebuňa, Róbert Huňady, Martin Hagara - 1. vyd. - Košice TU - 2015. - 153 s.. - ISBN 978-80-553-2346-6.
[TREBUŇA, František - HUŇADY, Róbert - HAGARA, Martin]

ACB002 [165528] **Experimentálne metódy mechaniky - Laserová vibrometria a ESPI** / František Trebuňa ... [et al.] - 1. vyd. - Košice : TU - 2015. - 183 s.. - ISBN 978-80-553-2347-3.
[TREBUŇA, František - HUŇADY, Róbert - HAGARA, Martin - PÁSTOR, Miroslav]

ADC - Vedecké práce v zahraničných karentovaných časopisoch (6)

ADC001 [143338] **Experimental modal analysis performed by high-speed digital image correlation system** / F. Trebuňa, M. Hagara - 2014.In: Measurement: Journal of the International Measurement Confederation. Vol. 50, no. 1 (2014), p. 78-85. - ISSN 0263-2241
[TREBUŇA, František - HAGARA, Martin]

ADC002 [179292] **A new procedure of modal parameter estimation for high-speed digital image correlation** / Róbert Huňady, Martin Hagara - 2017.In: Mechanical Systems and Signal Processing. Vol. 93 (2017), p. 66-79. - ISSN 0888-3270
[HUŇADY, Róbert - HAGARA, Martin]

ADC003 [204695] **Analysis of the aspects of residual stresses quantification performed by 3D DIC combined with standardized hole-drilling method** / Martin Hagara ... [et al.] - 2019.In: Measurement : journal of the International Measurement Confederation. - London (Veľká Británia) : Institute of Measurement and Control č. 137 (2019), s. 238-256 [print]. - ISSN 0263-2241
[HAGARA, Martin - TREBUŇA, František - PÁSTOR, Miroslav - HUŇADY, Róbert - LENGVARSKÝ, Pavol]

ADC004 [225559] **Influence of the Approach Direction on the Repeatability of an Industrial Robot** / Michal Vocetka ... [et al.] - 2020. In: Applied sciences. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 10, č. 23 (2020), s. [1-24] [online]. - ISSN 2076-3417 (online)
[VOCETKA, Michal - HUŇADY, Róbert - HAGARA, Martin - BOBOVSKÝ, Zdenko - KOT, Tomáš - KRYS, Václav]

ADC005 [221121] **Investigation of snake robot locomotion possibilities in a pipe** / Ivan Virgala ...[et al.] - 2020. In: Symmetry : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 12, č. 6 (2020), s. 1-25 [online]. - ISSN 2073-8994 (online) Spôsob prístupu: <https://www.mdpi.com/2073-8994/12/6/939...>
[VIRGALA, Ivan - KELEMEN, Michal - BOŽEK, Pavol - BOBOVSKÝ, Zdenko - HAGARA, Martin - PRADA, Erik - OŠČÁDAL, Petr - VARGA, Martin]

ADC006 [227790] **Design of a Unique Device for Residual Stresses Quantification by the Drilling Method Combining the PhotoStress and Digital Image Correlation** / Miroslav Pástor ...[et al.] - 2021. In: Materials. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 14, č. 2 (2021), s. 1-27 [online]. - ISSN 1996-1944 (online)
[PÁSTOR, Miroslav - HAGARA, Martin - VIRGALA, Ivan - KALÁVSKÝ, Adam - SAPIETOVÁ, Alžbeta - HAGAROVÁ, Lenka]

ADE - Vedecké práce v zahraničných nekarentovaných časopisoch (22)

ADE001 [141858] **Modal analysis of titan cantilever beam using ANSYS and SolidWorks** / Pavol Lengvarský, Jozef Bocko, Martin Hagara - 2013. In: American Journal of Mechanical Engineering. Vol. 1, no. 7 (2013), p. 271-275. - ISSN 2328-4102
[LENGVARSKÝ, Pavol - BOCKO, Jozef - HAGARA, Martin]

ADE002 [141887] **The printed patterns investigation for the purposes of deformation analysis performed by digital image correlation system** / Martin Hagara, Martin Schrötter - 2013. In: American Journal of Mechanical Engineering. Vol. 1, no. 7 (2013), p. 185-189. - ISSN 2328-4102
[HAGARA, Martin - SCHRÖTTER, Martin]

ADE003 [141890] **The results comparison of experimental and operational modal analysis of a fixed cantilever** / Martin Schrötter, Martin Hagara - 2013. In: American Journal of Mechanical Engineering. Vol. 1, no. 7 (2013), p. 190-193. - ISSN 2328-4102
[SCHRÖTTER, Martin - HAGARA, Martin]

ADE004 [141895] **A determination of the kinematic quantities of a rotating object by digital image correlation method** / Martin Hagara, Róbert Huňady, Pavol Lengvarský - 2013. In: American Journal of Mechanical Engineering. Vol. 1, no. 7 (2013), p. 289-292. - ISSN 2328-4102
[HAGARA, Martin - HUŇADY, Róbert - LENGVARSKÝ, Pavol]

ADE005 [154612] **Modal Analysis of Axially Symmetric Structure** / Pavol Lengvarský ... [et al.] - 2014. In: American Journal of Mechanical Engineering. Vol. 2, no. 7 (2014), p. 265-269. - ISSN 2328-4110
Spôsob prístupu: <http://pubs.sciepub.com/ajme/2/7/19>.
[LENGVARSKÝ, Pavol - HAGARA, Martin - SCHRÖTTER, Martin - BOCKO, Jozef]

ADE006 [154636] **Numerical verification of a full-field deformation analysis of a specimen loaded by combined loading** / Martin Hagara ... [et al.] - 2014. In: American Journal of Mechanical Engineering. Vol. 2, no. 7 (2014), p. 307-311. - ISSN 2328-4102
[HAGARA, Martin - HUŇADY, Róbert - LENGVARSKÝ, Pavol - BOCKO, Jozef]

ADE007 [154642] **The measurement of standing wave patterns by using high-speed digital image correlation** / Róbert Huňady, Martin Hagara, František Trebuňa - 2014. In: American Journal of Mechanical Engineering. Vol. 2, no. 7 (2014), p. 247-251. - ISSN 2328-4102
[HUŇADY, Róbert - HAGARA, Martin - TREBUŇA, František]

ADE008 [165418] **Reciprocity in Experimental Modal Analysis** / Peter Pavelka ... [et al.] - 2015. In: American Journal of Mechanical Engineering. Vol. 3, no. 6 (2015), p. 252-256. - ISSN 2328-4110
Spôsob prístupu: <http://pubs.sciepub.com/ajme/3/6/20/index.html>.
[PAVELKA, Peter - HUŇADY, Róbert - HAGARA, Martin - TREBUŇA, František]

ADE009 [165427] **Nonlinear Analysis of the Enclosure of the Pulley** / Pavol Lengvarský, Jozef Bocko, Martin Hagara - 2015. In: American Journal of Mechanical Engineering. Vol. 3, no. 6 (2015), p. 220-224. - ISSN 2328-4110
Spôsob prístupu: <http://pubs.sciepub.com/ajme/3/6/13/index.html>.
[LENGVARSKÝ, Pavol - BOCKO, Jozef - HAGARA, Martin]

ADE010 [165430] **Analysis of the Temperature Influence on a Shift of Natural Frequencies of Washing Machine Pulley** / Pavol Lengvarský, Martin Hagara, Jozef Bocko - 2015.In: American Journal of Mechanical Engineering. Vol. 3, no. 6 (2015), p. 215-219. - ISSN 2328-4110 Spôsob prístupu: <http://pubs.sciepub.com/ajme/3/6/12/index.html>.

[LENGVARSKÝ, Pavol - HAGARA, Martin - BOCKO, Jozef]

ADE011 [165525] **High-speed Digital Image Correlation as a Tool for 3D Motion Analysis of Mechanical Systems** / František Trebuňa, ... [et al.] - 2015.In: American Journal of Mechanical Engineering. Vol. 3, no. 6 (2015), p. 195-200. - ISSN 2328-4102 Spôsob prístupu: <http://www.sciepub.com/journal/AJME>.

[TREBUŇA, František - HUŇADY, Róbert - HAGARA, Martin - VIRGALA, Ivan]

ADE012 [165526] **Analysis of Reliability of Modal Parameters Estimation Using High-speed Digital Image Correlation Method** / Martin Hagara ... [et al.] - 2015.In: American Journal of Mechanical Engineering. Vol. 3, no. 6 (2015), p. 190-194. - ISSN 2328-4102 Spôsob prístupu: <http://www.sciepub.com/journal/AJME>.

[HAGARA, Martin - HUŇADY, Róbert - LENGVARSKÝ, Pavol - PAVELKA, Peter]

ADE013 [176486] **The Buckling Analysis of the Composite Plates with Different Orientations of Layers** / Pavol Lengvarský, Jozef Bocko, Martin Hagara - 2016.In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 413-417. - ISSN 2328-4102 Spôsob prístupu: <http://pubs.sciepub.com/ajme/4/7/33/index.html>.

[LENGVARSKÝ, Pavol - BOCKO, Jozef - HAGARA, Martin]

ADE014 [176502] **Result correlation of experimental and numerical modal analysis of a steel beam** / Peter Pavelka, Róbert Huňady, Martin Hagara - 2016.In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 376-379. - ISSN 2328-4102

[PAVELKA, Peter - HUŇADY, Róbert - HAGARA, Martin]

ADE015 [176508] **The influence of preload on modal parameters of a cantilever beam** / Peter Pavelka, Róbert Huňady, Martin Hagara - 2016.In: American Journal of Mechanical Engineering. - 2016 Vol. 4, no. 7 (2016), p. 418-422. - ISSN 2328-4102

[PAVELKA, Peter - HUŇADY, Róbert - HAGARA, Martin]

ADE016 [176564] **The use of digital image correlation method in contact mechanics** / Martin Hagara ... [et al.] - 2016.In: American Journal of Mechanical Engineering,. Vol. 4, no. 7 (2016), p. 445-449. - ISSN 2328-4102

[HAGARA, Martin - LENGVARSKÝ, Pavol - BOCKO, Jozef - PAVELKA, Peter]

ADE017 [176565] **The Possibilities in Use of ESPI Method by Investigation of Strain Fields of Specimen with Stress Concentrator** / Martin Hagara, Róbert Huňady, František Trebuňa - 2016.In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 429-434. - ISSN 2328-4110

[HAGARA, Martin - HUŇADY, Róbert - TREBUŇA, František]

ADE018 [176567] **The methodology for realization of smartphone drop test using digital image correlation** / Martin Hagara ... [et al.] - 2016.In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 423-428. - ISSN 2328-4102

[HAGARA, Martin - HUŇADY, Róbert - LENGVARSKÝ, Pavol - BOCKO, Jozef]

ADE019 [176568] **The analyses of large displacement pendulum movement using high-speed digital image correlation and matlabsimulink** / Martin Hagara ... [et al.] - 2016.In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 406-412. - ISSN 2328-4102

[HAGARA, Martin - HUŇADY, Róbert - TREBUŇA, František - PAVELKA, Peter]

ADE020 [176597] **Experimental analysis of fixation curves of snake robot moving in the pipe** / Ivan

Virgala ... [et al.] - 2016. In: American Journal of Mechanical Engineering. Vol. 4, no. 7 (2016), p. 297-305. - ISSN 2328-4102

[VIRGALA, Ivan - KELEMEN, Michal - HAGARA, Martin - PRADA, Erik - LIPTÁK, Tomáš]

ADE021 [187938] **Full-field Stress Analysis of a Crane Hook Model Performed by Finite Element Analysis and Digital Image Correlation Method** / Martin Hagara, Miroslav Pástor - 2017. In: American Journal of Mechanical Engineering. Vol. 5, no. 6 (2017), p. 293-297. - ISSN 2328-4110

[HAGARA, Martin - PÁSTOR, Miroslav]

ADE022 [187942] **Experimental Assumption of Steel Pipe Modal Parameters Using Common and Simplified Approach** / Martin Hagara, Jozef Bocko - 2017. In: American Journal of Mechanical Engineering. Vol. 5, no. 6 (2017), p. 284-288. - ISSN 2328-4110

[HAGARA, Martin - BOCKO, Jozef]

ADF - Vedecké práce v domácich nekarentovaných časopisoch (4)

ADF001 [159161] **Stress Analysis Performed in the Near Surrounding of Small Hole by a Digital Image Correlation Method** / Martin Hagara, Róbert Huňady, František Trebuňa - 2014. In: Acta Mechanica Slovaca. Roč. 18, č. 3-4 (2014), s. 74-81. - ISSN 1335-2393

[HAGARA, Martin - HUŇADY, Róbert - TREBUŇA, František]

ADF002 [162781] **Experimental investigation of mode shapes of symmetric structures** / Róbert Huňady, Martin Hagara - 2015. In: Acta Mechanica Slovaca. Roč. 19, č. 3 (2015), s. 12-17. - ISSN 1335-2393

[HUŇADY, Róbert - HAGARA, Martin]

ADF003 [202825] **The aspects of stress analysis performed by Digital Image Correlation method related with smoothing and its influence on the results** / Martin Hagara, Jozef Bocko - 2018. In: Acta Mechatronica. - Šemša (Slovensko) : 4S go, 2016 Roč. 3, č. 4 (2018), s. 15-21 [online]. - ISSN 2453-7306 (online) Spôsob prístupu: http://actamechatronica.eu/issues/2018/IV_2018_04_Hagara_Bocko.pdf.

[HAGARA, Martin - BOCKO, Jozef]

ADF004 [221284] **Development of the Device with a High Positioning Accuracy Serving for Residual Stress Quantification using Optical Methods** / Miroslav Pástor, Peter Čarák, Martin Hagara - 2019. In: Acta Mechanica Slovaca : journal published by Faculty of Mechanical Engineering, the Technical University in Košice. - Košice (Slovensko) : Strojnícka fakulta Roč. 23, č. 4 (2019), s. 24-29 [print]. - ISSN 1335-2393

ADM - Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS (2)

ADM001 [147341] **Influence of the different random pattern creation forms on the results of experimental modal analysis performed by high-speed digital image correlation** / Martin Hagara, Martin Schrötter, Pavol Lengvarský - 2014. In: Acta Mechanica et Automatica. Vol. 8, no. 1 (2014), p. 22-26. - ISSN 1898-4088

[HAGARA, Martin - SCHRÖTTER, Martin - LENGVARSKÝ, Pavol]

ADM002 [224306] **The Possibilities of Washing Machine Parts' Modal Parameters Estimation** / Martin Hagara, Pavol Lengvarský, Róbert Huňady - 2020. In: Manufacturing Technology. - Ústí nad Labem (Česko) : Univerzita Jana Evangelisty Purkyně v Ústí nad Labem Roč. 20, č. 5 (2020), s. 582-590 [print, online]. - ISSN 1213-2489 Spôsob prístupu: <https://www.journalmt.com/pdfs/mft/2020/05/04.pdf>...

[HAGARA, Martin - LENGVARSKÝ, Pavol - HUŇADY, Róbert]

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS (1)

ADN001 [194307] **The use of optical methods in the analysis of the areas with stress concentration** / Miroslav Pástor ... [et al.] - 2018.In: Journal of Mechanical Engineering - Strojnícky časopis. Vol. 68, no. 2 (2018), p. 61-76. - ISSN 0039-2472 Spôsob prístupu: <https://content.sciendo.com/view/journals/scjme/68/2/article-p61.xml?rskey=0rhX7D&result=5>.
[PÁSTOR, Miroslav - FRANKOVSKÝ, Peter - HAGARA, Martin - LENGVARSKÝ, Pavol]

AEC - Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách (8)

AEC001 [149747] **Modal analysis of the manipulator arm on the mobile chassis** / Martin Hagara, František Trebuňa, Róbert Huňady - 2014.In: Applied Mechanics and Materials : Applied Mechanics and Mechatronics. - Switzerland : TTP, 2014 Vol. 611 (2014), p. 472-477. - ISBN 978-3-03835-189-4 - ISSN 1660-9336
[HAGARA, Martin - TREBUŇA, František - HUŇADY, Róbert]

AEC002 [149748] **The influence of facet size on the accuracy of modal parameters determined by Digital Image Correlation technique** / Róbert Huňady, Martin Hagara, František Šimčák - 2014.In: Applied Mechanics and Materials : Applied Mechanics and Mechatronics. - Switzerland : TTP, 2014 Vol. 611 (2014), p. 496-500. - ISSN 1660-9336 Spôsob prístupu: 10.4028/www.scientific.net/AMM.611.496.
[HUŇADY, Róbert - HAGARA, Martin - ŠIMČÁK, František]

AEC003 [149750] **A comparison of modern and classical experimental methods of mechanics in strain investigation** / Miroslav Pástor, Martin Hagara - 2014.In: Applied Mechanics and Materials : Applied Mechanics and Mechatronics. - Switzerland : TTP, 2014 Vol. 611 (2014), p. 501-505. - ISBN 978-3-03835-189-4 - ISSN 1660-9336 Spôsob prístupu: 10.4028/www.scientific.net/AMM.611.501.
[PÁSTOR, Miroslav - HAGARA, Martin]

AEC004 [149754] **An investigation of the temperature influence on a shift of natural frequencies using digital image correlation** / Martin Hagara, Martin Schrötter, Pavol Lengvarský - 2014.In: Applied Mechanics and Materials. - Switzerland : TTP, 2014 Vol. 611 (2014), p. 506-510. - ISBN 978-3-03835-189-4 - ISSN 1660-9336
[HAGARA, Martin - SCHRÖTTER, Martin - LENGVARSKÝ, Pavol]

AEC005 [149757] **The analysis of different stochastic patterns during loading in plastic area using DIC method** / Martin Schrötter, Martin Hagara, Matúš Kalina - 2014.In: Applied Mechanics and Materials : Applied Mechanics and Mechatronics. - Switzerland : TTP, 2014 Vol. 611 (2014), p. 490-495. - ISBN 978-3-03835-189-4 - ISSN 1660-9336
[SCHRÖTTER, Martin - HAGARA, Martin - KALINA, Matúš]

AEC006 [162491] **Stress analysis performed by photoelasticity and digital image correlation** / Miroslav Pástor, Martin Hagara, Ján Kostka - 2015.In: Applied Mechanics and Materials volume 816 : Applied Mechanics and Mechatronics 2. - Zurich : TTP, 2015 P. 474-481. - ISBN 978-3-03835-602-8 - ISSN 1660-9336
[PÁSTOR, Miroslav - HAGARA, Martin - KOSTKA, Ján]

AEC007 [162718] **The influence of sampling frequency on the results of motion analysis performed by high-speed digital image correlation** / Martin Hagara, Róbert Huňady - 2015.In: Applied Mechanics and Materials volume 816 : Applied Mechanics and Mechatronics 2. - Zurich : TTP, 2015 P. 397-403. - ISBN 978-3-03835-602-8 - ISSN 1660-9336
[HAGARA, Martin - HUŇADY, Róbert]

AEC008 [162778] **Comparison of Different Estimation Algorithms Used in the Experimental Determination of Modal Parameters** / Róbert Huňady, Martin Hagara, Peter Pavelka - 2015.In: Applied

Mechanics and Materials volume 816 : Applied Mechanics and Mechatronics 2. - Zurich : TTP, 2015 P. 412-415. - ISBN 978-3-03835-602-8 - ISSN 1660-7482
[HUŇADY, Róbert - HAGARA, Martin - PAVELKA, Peter]

AFA - Publikované pozvané príspevky na zahraničných vedeckých konferenciách (1)

AFA001 [171739] **Proposal of strain field calculation procedure in 2D digital image correlation** / R. Huňady, M. Hagara, P. Pavelka - 2016.In: EAN 2016. - Plzeň : Západočeská univerzita, 2016 P. 1-5. - ISBN 978-80-261-0624-1
[HUŇADY, Róbert - HAGARA, Martin - PAVELKA, Peter]

AFC - Publikované príspevky na zahraničných vedeckých konferenciách (14)

AFC001 [146852] **The Aspects of Strain Fields' Measurement Performed on Small Surfaces Using Digital Image Correlation Method** / Róbert Huňady, Martin Hagara, Matúš Kalina - 2014.In: EAN 2014 : 52nd conference on experimental stress analysis : June 2 - 5, 2014, Mariánské Lázně, Czech Republic. - Plzeň : VZU Plzeň, 2014 P. 1-8. - ISBN 978-80-231-0377-6
[HUŇADY, Róbert - HAGARA, Martin - KALINA, Matúš]

AFC002 [146857] **Investigation of Coupled Modal Shapes by Experimental Modal Analysis** / Martin Schrötter, Martin Hagara, Róbert Huňady - 2014.In: EAN 2014 : 52nd conference on experimental stress analysis : June 2 - 5, 2014, Mariánské Lázně, Czech Republic. - Plzeň : VZU Plzeň, 2014 P. 1-6. - ISBN 978-80-231-0377-6
[SCHRÖTTER, Martin - HAGARA, Martin - HUŇADY, Róbert]

AFC003 [152534] **Experimental modal analysis of washing machine pulley** / M. Schrötter, M. Hagara, P. Lengvarský - 2014.In: Engineering Mechanics 2014 : 20th International Conference : May 12-15, 2014, Svratka, Czech Republic. - Brno : University of Technology, 2014 P. 560-563. - ISBN 978-80-214-4871-1
[SCHRÖTTER, Martin - HAGARA, Martin - LENGVARSKÝ, Pavol]

AFC004 [159160] **The Influence of Facet Size and Filtering on the Results of Strain Fields' Investigation Performed on Small Surfaces using Digital Image Correlation** / Martin Hagara, Róbert Huňady, Matúš Kalina - 2015.In: Applied Mechanics and Materials. Vol. 732 (2015), p. 179-182. - ISBN 978-80-231-0377-6 - ISSN 1660-9336 Spôsob prístupu: www.scientific.net.
[HAGARA, Martin - HUŇADY, Róbert - KALINA, Matúš]

AFC005 [162780] **Identification of Coupled Mode Shapes Based on Complex Mode Indicator Function** / Róbert Huňady, Martin Hagara, Martin Schrötter - 2015.In: Applied Mechanics and Materials : EAN 2014. Vol. 732 (2015), p. 183-186. - ISBN 978-3-03835-413-0
[HUŇADY, Róbert - HAGARA, Martin - SCHRÖTTER, Martin]

AFC006 [164472] **New approach of fixation possibilities investigation for snake robot in the pipe** / Erik Prada ... [et al.] - 2015.In: IEEE ICMA 2015. - Danvers : IEEE, 2015 P. 1204-1210. - ISBN 978-1-4799-7096-4
[PRADA, Erik - VALÁŠEK, Michael - VIRGALA, Ivan - GMITERKO, Alexander - KELEMEN, Michal - HAGARA, Martin - LIPTÁK, Tomáš]

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