

Research output and citations 2003

1. Domestic scientific monographs

DULLA, M. – MORAVČÍKOVÁ, H.: *Moderná a súčasná architektúra Slovenska. Informačný systém. Publikácia na elektronickom nosiči.* Bratislava, ÚSTARCH SAV 2003.

2. Abroad scientific monographs

–

3. Domestic professional books

JUHÁSOVÁ, E. *STN P ENV 1993-4-1 a NAD: Navrhovanie oceľových konštrukcií. Časť 4-1: Silá, nádrže a potrubia – Silá.* 1. vyd. Bratislava: SÚTN, Apríl 2003, 108 s.

4. Abroad professional books

–

5. Domestic popularization books

–

6. Abroad popularization books

–

7. Chapters in books ad 1)

KRIVÁČEK, J.: encyklopedické heslá. In *Encyclopaedia Beliana*, 3. zv. Č – Eg. Bratislava: Encyklopedický ústav SAV 2003. ISBN 80-224-0761-5. s.16, 54, 142, 210, 232, 235, 247, 248, 286, 294, 345, 350, 351, 376, 379, 384, 386, 431, 432, 433, 451, 463, 499, 500, 503, 509, 510, 515, 521, 537, 539, 541, 567, 621, 623, 636, 642.

8. Chapters in books ad 2)

DULLA, M.: *Das leichte Nebeneinander von Moderne und Tradition. Ein besonder(e)s (oder) gewöhnliches halbes Jahrhundert Architektur in der Slowakei: 1939 – 1989. (Ľahká mimobežnosť moderny a tradície. Zvláštne /či/ obyčajné polstoročie architektúry na Slovensku: 1939 – 1989.)* In: *Architektur Slowakei. Impulse und Reflexion. (Architektúra Slovenska. Ipulzy a reflexia.)* (Ed. A. Stiller, Š. Šlachta.) Wien, Verlag Anton Pustet 2003. 123 – 157 s.

MORAVČÍKOVÁ, H.: *Der Haupttrend – Modernisierung. Slowakische Architektur in zwanzigen und dreissigen Jahren. (Modernizácia – hlavný trend. Slovenská architektúra v dvadsiatych a tridsiatych rokoch.)* In: *Architektur Slowakei. Impulse und Reflexion. (Architektúra Slovenska. Ipulzy a reflexia.)* (Ed. A. Stiller, Š. Šlachta.) Wien, Verlag Anton Pustet 2003. 158 – 180 s.

9. Chapters in books ad 3)

–

10. Chapters in books ad 4)

–

11. Chapters in books ad 5)

–

12. Chapters in books ad 6)

–

13. Scientific papers registered in Current Contents

- BARTZOKAS, A. – DARULA, S. – KAMBEZIDIS, H. – KITTLER, R. Sky luminance distribution in Central Europe and the Mediterranean area during the winter period. In *Journ. of Atmosph. and Solar-Terrestrial Physics*. Vol. 65, 2003, p. 113-119. IF: 1.44
- DAN, E. – JANOTKA, I. Chemical resistance of Portland cement, blast-furnace slag Portland cement and sulphoaluminate-belite cement in acid, chloride and sulphate solution: some preliminary results. *CERAMICS – Silikáty*, Vol. 47, no. 4, 2003, p. 141-148. IF 0.354
- JANOTKA, I. – KRAJČI, Ľ. – DZIVÁK, M. Properties and utilization of zeolite-blended Portland cements. In *Clays and Clay Minerals*. Vol. 51, no. 6, 2003, p. 616-624. IF 1.594
- JANOTKA, I. – KRAJČI, Ľ. – RAY, A. – MOJUMDAR, S. C. The hydration phase and pore structure formation in the blends of sulfoaluminate-belite cement with Portland cement. In *Cement and Concrete Research*. Vol. 33, no. 4, 2003, p. 489-497. IF 0.764
- JANOTKA, I. – MOJUMDAR, S. C. Hydration of portland cement, natural zeolite mortar in water and sulphate solution. In *Materiales de Construcción*. Vol. 53, no. 269, 2003, p. 17-27. IF 0.127
- JANOTKA, I. – MOJUMDAR, S. C. Hydration of Portland cement-natural zeolite mortar in water and sulphate solution. In *Solid State Phenomena*. Vols. 90 – 91, 2003, p. 309-316. IF 0.372
- SLADEK, J. – SLADEK, V. A meshless method for large deflection of plates. In *Computational Mechanics*. Vol. 30, 2003, p. 155-163. IF: 0.95
- SLADEK, J. – SLADEK, V. – BAZANT, Z.P. Non-local boundary integral formulation for softening damage. In *International Journal for Numerical Methods in Engineering*. Vol. 57, 2003, p. 103-116. IF: 1.468
- SLADEK, J. – SLADEK, V. – MYKHAS'KIV, V.V. – STANKEVYCH, V.Z. Application of mapping theory to boundary integral formulation of 3D dynamic crack problems. In *Engineering Analysis with Boundary Elements*. Vol. 27, 2003, p. 203-213. IF: 0.94
- SLADEK, J. – SLADEK, V. – MANG, H. A. Meshless LBIE formulations for simply supported and clamped plates under dynamic load. In *Computers & Struct.* Vol. 81, 2003, p. 1643-1651. IF: 0.688
- SLADEK, J. – SLADEK, V. – VAN KEER, R. Meshless local boundary integral equation method for 2D elastodynamic problems. In *International Journal for Numerical Methods in Engineering*. Vol. 57, 2003, p. 235-249. IF: 1.468
- SLADEK, J. – SLADEK, V. – ZHANG, Ch. Dynamic response of a crack in a functionally graded material under an anti-plane shear impact load. In *Key Engineering Materials*. Vol. 251-252, 2003, p. 123-129. IF:0.497
- SLADEK, J. – SLADEK, V. – KRIVÁČEK, J. – ZHANG, Ch. Local BIEM for transient heat conduction analysis in 3-D axisymmetric functionally graded solids, In *Computational Mechanics* 32, 2003, 169-176. IF: 0.95
- SLADEK, J. – SLADEK, V. – ZHANG, Ch. Transient heat conduction analysis in functionally graded materials by the meshless local boundary integral equation method. In *Computational Material Science*. Vol. 28, 2003, p. 494-504. IF: 0.856
- SLADEK, J. – SLADEK, V. – ZHANG, Ch. Application of meshless local Petrov-Galerkin (MLPG) method to elastodynamic problems in continuously nonhomogeneous solids. In *Computer Modeling in Engineering & Sciences*. Vol. 4, 2003, p. 637-648. IF: 1.256
- TESÁR, A: Fatigue control of thin-walled structures. In: *International Journal for Numerical Methods in Engineering*,, 2003, 57, p. 653-667. IF: 1.468
- TESÁR, A: Ultimate behaviour of wood vs glass fiber composites. In: *Drevársky výskum*, vol. 48, no. 3, 2003, p. 1-16. IF:0.114
- ZHANG, Ch. – SLADEK, J. – SLADEK, V. Numerical analysis of cracked functionally graded materials. In *Key Engineering Materials*. Vol. 251-252, 2003, p. 463-471. IF: 0.497
- ZHANG, Ch. – SLADEK, J. – SLADEK, V. Effects of material gradient on dynamic mode-III stress intensity factors in a FGM. In *International Journal of Solids and Structures*. Vol. 40, 2003, p. 5251-5270. IF: 1.08

ŽIVICA, V. Influence of w/c ratio on rate of chloride induced corrosion of steel reinforcement and its dependence on ambient temperature. In *Bulletin of Material Science*, vol. 26, no. 5, 2003, p. 471-475.

IF 0.393

ŽIVICA, V. Corrosion of reinforcement induced by environment containing chloride and carbon dioxide. In *Bulletin of Material Science*, Vol. 26, no. 6, 2003, p. 605-608.

IF 0.393

Addendum to year 2002

ŽIVICA, V. Significance and influence of the ambient temperature as a rate factor of steel reinforcement corrosion. In *Bulletin of Material Science*, Vol. 25, no. 5, 2002, pp. 375-379. IF: 0.340

14. Scientific papers in other journals

BÁGEL, Ľ. Antikarbonatné nátery I. Ochranné vlastnosti náterového filmu. In *Materiály pro stavbu*, roč. 9, č. 2, 2003, s. 24-27.

BÁGEL, Ľ. Antikarbonatné nátery II. Kritéria výberu. In *Materiály pro stavbu*, roč. 9, č. 3, 2003, s. 22-25.

DARULA, S. New measuring method of the diffuse light transmittance. In *Building Research Journal*, Vol. 51, no. 1-2, 2003, p. 1-8.

DORICOVÁ, S. – TOPOLČANSKÁ, M. Variácie štandardu individuálneho bývania firmy Baťa. Prípady Baťovany – Partizánske. In *Architektúra & Urbanizmus* 37, 2003, 3-4, s. 107-132.

DORICOVÁ, S. Dom, v ktorom sa dobre býva. In *Arch o architektúre a inej kultúre* 8, 2003, 7-8, s. 26-29.

DORICOVÁ, S. Hotel Maxim. In *Arch o architektúre a inej kultúre* 8, 2003, 3, s. 24-27.

DORICOVÁ, S. Rodinné domy a vily Jindricha Marganca. In *Projekt*, 2003, 3, s. 69-75.

DULLA, M. – MORAVČÍKOVÁ, H. Dvadsiate storočie v architektúre Slovenska, I. In *Prostor (Zlín)* 10, 2003, 1, s. 30-35.

DULLA, M. – MORAVČÍKOVÁ, H. Dvadsiate storočie v architektúre Slovenska, II. In *Prostor (Zlín)* 10, 2003, 2, s. 26-29.

DULLA, M. – MORAVČÍKOVÁ, H. Dvadsiate storočie v architektúre Slovenska, III. In *Prostor (Zlín)*, 10, 2003, 3, s. 28-35.

DULLA, M. Atrium. In *Arch o architektúre a inej kultúre* 8, 2003, 9, s. 13-19.

DULLA, M. Stavba, ktorá leží najvyššie. In *Životné prostredie* 37, 2003, 5, s. 249-253.

DULLA, M. Vila Linea. In *Arch o architektúre a inej kultúre* 8, 2003, 3, s. 18-23.

JANOTKA, I. Geosyntetická rohož so zmesnou minerálnou náplňou pre využitie v stavebníctve. In *Inžinierske stavby*, roč. 51, č. 1, 2003, s. 18-22.

JERGA, J. Halftime of deformations in concrete elements. In *Building Research Journal*, vol. 51, no. 3, 2003, p. 225-235.

KORONTHÁLYOVÁ, O. – MATIAŠOVSKÝ, P. Thermal Conductivity of Fibre Reinforced Porous Calcium Silicate hydrate-based Composites. In *Journal of Thermal Envelope and Building Science*, Vol. 26, no. 4, 2003, p. 71- 89.

KRAJČI, Ľ. – ŠPAČEK, A. Protikorózne pôsobenie železných prísad na betón. In *Geotechnika*, roč. 6, č. 2, 2003, p. 10-14.

KRAJČI, Ľ. Simulation of steel corrosion in saturated calcium hydroxide solution with chloride ions. In *Building Research Journal*. Vol. 51, no. 1-2, 2003, p. 51-58.

KRIŽMA, M. – JERGA, J. – NÜRNBERGEROVÁ, T. – HANEČKA, K.: Load bearing capacity and deformational properties of aerated concrete lintels. In: *Building Research Journal*, vol. 51, no.1-2, 2003, p. 37-48.

LALINSKÝ, T.– HAŠČÍK, Š.– MOZOLOVÁ, Ž.– BURIAN, E.– KRNÁČ, M.– TOMÁŠKA, M.– ŠKRINIAROVÁ, J. – DRŽÍK, M. – KOSTIČ, I. – MATAY, L. Mechanically fixed and thermally

- insulated micromechanical structures for GaAs heterostructures based MEMS devices. In *Microelectronics International*. Vol. 20, 2003, p. 43-47.
- MORAVČÍKOVÁ, H. Architektúra v sklade. In *Arch o architektúre a inej kultúre* 8, 2003, 10, s. 32-35.
- MORAVČÍKOVÁ, H. Baťovany – Partizánske: Vzorné priemyselné mesto v limitoch štandardizácie a slovenskej periférie. In *Architektúra & Urbanizmus* 37, 2003, 3-4, s. 83-105.
- MORAVČÍKOVÁ, H. Ďalší aktivátor v driemajúcej krajine bratislavskej Kablovky. In *Arch o architektúre a inej kultúre* 8, 2003, 11, s. 22-27.
- MORAVČÍKOVÁ, H. Das Besondere im Alltag. In *Architektur aktuell* (Viedeň) 2003, 10, s. 70-79.
- MORAVČÍKOVÁ, H. Gymnázium na okraji, a predsa v ťažisku, architektonickom. In *Arch o architektúre a inej kultúre* 8, 2003, 2, s. 26-31.
- MORAVČÍKOVÁ, H. Jedinečné spojenie klasickej a novej moderny. In *Arch o architektúre a inej kultúre* 8, 2003, 9, s. 20 – 27.
- MORAVČÍKOVÁ, H. Okázala neokázalosť domu na Josefskej ulici. In *Arch o architektúre a inej kultúre* 8, 2003, 9, s. 32-35.
- MORAVČÍKOVÁ, H. Súťaž na rekonštrukciu a modernizáciu areálu slovenskej národnej galérie. Dilema mierneho pokroku v medziach zákona. *Arch o architektúre a inej kultúre* 8, 2003, 6, s. 16-39.
- MORAVČÍKOVÁ, H. Tirolský dom. *Arch o architektúre a inej kultúre* 8, 2003, 7-8, s. 30-33.
- MORAVČÍKOVÁ, H. Vila G, ako gánkový dom. In *Arch o architektúre a inej kultúre* 8, 2003, 1, s. 30-35.
- PITOŇÁK, A. – KRIŽMA, M. – NÜRNBERGEROVÁ, T. Deflections of reinforced concrete beams under long term and fatigue load. In: *Building Research Journal*, vol. 51, no. 1-2, 2003, p.1-9.
- SLADEK, V. – SLADEK, J. A new formulation for solution of boundary value problems using domain-type approximations and local integral equations. In *Electronic Journal of Boundary Elements*. Vol. 1 2003, p. 132-153.
- SOFRONIE, R. – JUHÁSOVÁ, E. – GREENING, P. Seismic strengthening of masonry. *SECED Newsletter*, Volume 16, No. 4, May 2003, p. 6-7.
- ŠPAČEK, A. – KRAJČI, L. Využívanie železných prísad na protikoróziu ochranu betónu. In *Geotechnika*, roč. 6, č. 4, 2003, s. 3-8.
- TESÁR, A. Material instability in fatigue of fiber composites. In: *Building Research Journal*, vol. 51, no. 3, 2003, p. 171-182.
- TESÁR, A. – SEDLÁR, M. – MINÁR, M. Alternatívny spôsob spriahnutia ocelobetónových konštrukcií. In: *Projekt a stavba*, Roč. 5, č.4, 2003, s. 5-8.
- TESÁR, A. Fatigue control of thin-walled bridges. In: *Building Research Journal*, vol. 51, no. 3, 2003, p. 67-79.
- TESÁR, A. Load-bearing control of slender bridges. In: *Building Research Journal*, vol. 51, no. 3, 2003, p. 35-48.
- TESÁR, A. Micromechanics of fiber composites at elevated temperatures. In: *Journal of Structural Mechanics – Rakenteiden Mekaniikka*, vol. 35, no. 2, 2003, p. 14-24.
- TESÁR, A. Wave approach in fatigue control of thin-walled structures. In: *Building Research Journal*, vol. 51, no. 1-2, 2003, p. 132-147.
- TOPOLČANSKÁ, M. Dva domy v Barcelone. In *ERA 21- ekologie, realizace, architektura* 3, 2003, 1, s. 26-28.
- TOPOLČANSKÁ, M. Make up + piercing. ASFALT skateboards & snowboards shop, Bratislava. In *Arch o architektúre a inej kultúre* 8, 2003, 11, s. 28-29.
- TOPOLČANSKÁ, M. Mind (21) house. In *Arch o architektúre a inej kultúre* 8, 2003, 10, s. 46-47.

- TOPOLČANSKÁ, M. Pohľad príliš zblízka. In *Arch o architektúre a inej kultúre* 8, 2003, 1, s. 40-41.
- TOPOLČANSKÁ, M. Vila G. Strážca kľúdu. In *Projekt*, 2003, 3, s. 12-17.
- TOPOLČANSKÁ, M. Vila Vietor, Bratislava-Lamač. In *Arch o architektúre a inej kultúre* 8, 2003, 7-8, s. 40-41.
- UHLIARIKOVÁ, E. – TESÁR, A – SEDLÁR, M. – HRUŠKA, M. – KARABA, F. Nové schodišťové rampy mosta č. M-036 na mimoúrovňovej križovatke. In: *Projekt a stavba*, Roč. 5, č. 7-8, 2003, s. 25-26.
- ŽIVICA, V. Perspektívy betónu ako konštrukčného materiálu moderného stavebníctva. In *Materiály pro stavbu*, roč. 9, č. 6, Tematická príloha, 2003, p. 2 – 4.
- ŽIVICA, V.: Odolnosť betónu v uhlíkovodíkových prostrediach. In: *Materiály pro stavbu*, roč. 9, č. 4 2003, p. 22 – 23.

Addendum to year 2002

- JUHÁSOVÁ, E. Nastupujú EN Eurokódy. *Normalizácia*, Vol. 8, 6/2002, s. 20-21.
- SLADEK, V. – SLADEK, J. Durability of an interior insulation slab subject to hygro-thermal loading. In *Building Research Journal*. Vol. 50, 2002, p. 257-288.
- SOFRONIE, R. – JUHÁSOVÁ, E. Contribution of the integrity and energy dissipation to the seismic response of masonry. *The Bulletin of the European Association for Earthquake Engineering*. Vol. 21, Dec. 2002. p. 29-30.

15. Scientific paper in proceedings

a) reviewed

- BALKOVIC, S – GÁLIKOVÁ, L. – ŽIVICA, V. – DRÁBIK, M. Kvalitatívne hodnotenie produktov síranovej korózie metódami termickej analýzy. In *Booklet of XVI. Conference on Thermal Analysis and Calorimetry*, THERMANAL 2003, Slovak Group for Thermal Analysis and Calorimetry, Slovak Society of Chemistry, Faculty of Chemical and Food Technology, STU, Slovak Silicate Society, Stará Lesná, 8.-10. October 2003, p. 11-17.
- BENČAT, J. – JUHÁSOVÁ, E. Dynamic test of steel water tank tower. In: *Proc. of 2nd Int. Conference on Dynamics of Civil Engineering and Transport Structures and Wind Engineering, Tále, May 19-22, 2003*. Žilina: University of Žilina, Faculty of Civil Engineering Dept. of Struct. Mechanics, 2003, p. 279-284.
- DAN, E. – ŽIVICA, V. Durability of the sulphoaluminate belitic cement In *Proc. of the XVIth Conference SELC Experience Exchange between Laboratories in Constructions*, Neptun-Romania, 1.-3.5.2003, p. 107-112.
- DANANAJ, I. – FRANKOVSKÁ, J. – JANOTKA, I. The influence of smectite content on microstructure and geotechnical properties of calcium and sodium bentonites. In *Proceedings of the 10th International Conference Euroclay 2003 (Book of Abstracts)*, Modena, Italy, 22-26 June 2003. Modena: European Clay Groups Association, 2003. p. 75-76.
- DRÁBIK, M. – GÁLIKOVÁ, L. – JANOTKA, I. Determination of the presence of thaumasite in sulphate – attacked concrete by methods of thermal analysis. In *Proceedings of the 15-th International Conference IBAUSIL, Weimar, Germany, 24-27 September 2003*. Weimar: F.A. Finger (Institut für Baustoffkunde), Vol. 2, 2003. ISBN 3-00-010932-3. p. 2-0701 - 2-0710.
- JANOTKA, I. – DRÁBIK, M. – PALOU, M.T. Performance of mortars made from binary sulphoaluminate-belite (85 wt %) / Portland cement (15 wt %) blend. In *Proceedings of the 15-th International Conference IBAUSIL, Germany, 24-27 September 2003*. Weimar: F.A. Finger (Institut für Baustoffkunde), Vol. 1, 2003. ISBN 3-00-010932-3. p. 1-0635 - 1-0644.
- JANOTKA, I. – NÜRNBERGEROVÁ, T. Effect of temperature on structural quality of high-strength concrete with silica fume. In *Transactions of the 17th International Conference on Structural Mechanics in Reactor Technology (SMiRT 17 – Proceedings on CD Rom)*, Prague, Czech Republic, 17-22 August 2003. Brno: S. Vejvoda (University of Technology), 2003. Paper H 01-4. p. 1-8.

JANOTKA, I. – RAY, A. – SAMARIN, A. Zeolite blended cement for better sulphate resistance. In *Book of Proceedings (PDF) of the 21st International Conference on the Concrete in the Third Millennium (Proceedings on CD Rom), Brisbane, Australia, 17-19 July 2003*. Brisbane: Concrete Institute of Australia, 2003. ISBN 0 909375 18 6. p. 233-241.

JERGA J. – KRIŽMA M. Cracking of linear concrete elements. In: *Building Materials and Testing 2003: Proceedings of the 4th international conference, October 1-3, 2003, Štrbské Pleso, Slovak Republic*, Stupava: Orgware, 2003. p. 108-110.

JERGA, J. – KRIŽMA, M. Crack analysis and the reliability of PPC. In: *New Trends in Statics and Dynamics of Buildings: Proceedings from the 2nd international conference, October 16-17, 2003. Bratislava, Slovak Republic*. Bratislava: Slovak University of Technology, Faculty of Civil Engineering, 2003. p.11-16.

JUHÁS, P. – JUHÁSOVÁ, E. – ROTH, O. Vplyv konštrukčných zvarov na únavovú pevnosť a životnosť konštrukčných ocelí. In: *20. česko-slovenská konferencia s medzinárodnou účasťou Ocelové konštrukcie a mosty 2003, Praha 17.-20.9.2003*. Praha: ČVUT, 2003, ISBN 80-01-02747. s. 187-192.

JUHÁSOVÁ, E. – JUHÁS, M. – FRANCHIONI, G. – BERGAMO, G. Numerical and experimental verification of some active control algorithms. In *Proc. 3WCSC, 7-13 April 2002, Como, Italy*, John Wiley and Sons, 2003., Vol. 3, p. 1311-1316.

JUHÁSOVÁ, E. Classical and latest tools for determination of dynamic resistance capacity. In: *CTU Reports I, Volume 7, Contributions to Computational and Experimental Investigation of Engineering Materials and Structures* (Konvalinka, P., Maca, J., Editors). *Part 2, Contributions to Structural Dynamics*, Prague: CTU, 2003. p. 301-310.

JUHÁSOVÁ, E. Dynamic resistance capacity and seismic response. In: *Skopje Earthquake - 40 Years of European Earthquake Engineering. 26-29 August 2003*, Skopje: IZIIS UKM, 2003. p. 65/1-8.

JUHÁSOVÁ, E. The contribution of control to earthquake mitigation. In *International Collaboration in Earthquake Disaster Mitigation Research, Taipei, 17-18 November, 2003*. NCREE-03-029, Taipei: NCREE, 2003. p. 167-176.

JUHÁSOVÁ, E. The masonry under moderate seismicity and transport effects. In: *INDIS 2003 Planning, Design, Construction and Renewal in the Construction Industry, Novi Sad 26-28, November, 2003*. Novi Sad: University of Novi Sad, 2003. p. 51-62.

JUHÁSOVÁ, E. Transport and lifeline structures versus accidental and natural hazard actions. In *1st International Conference CEI Science and Technology for Safe Development of Lifeline Systems, 4-5 Nov., 2003, Sofia*. Sofia: BAN GI, 2003. p. J/1-13.

KORONTHÁLYOVÁ, O. – MATIAŠOVSKÝ, P. Microstructural changes of plasters due to carbonation and their influence to the moisture transport influence. In *Research in Building Physics. Proceedings of the 2nd International Conference on Building Physics, Leuven, Belgium, 14-18 September 2003*. Antwerpen: Balkema, 2003. ISBN 90 5809 565 7 p. 53-57.

KRAJČI, E. Corrosion of steel reinforcement in mortars subjected to aggressive attack of environment. In *Proceedings of the 3rd International Conference on Quality and Reliability in Building Industry, Levoča, Slovakia, 22-24 October 2003*. Košice: Technical University, 2003. ISBN 80-7099-746-X. p. 327-332.

KRAJČI, E. Influence of blastfurnace slag on properties of cement blend systems exposed to aggressive environment. In *Proceedings of the 4th International Conference on Material Problems in Civil Engineering (MATBUD), Cracow, Poland, 25-27 June 2003*. Cracow: University of Technology, 2003. ISBN 83-7242-261-3. p. 253-260.

KRIVÁČEK, J. Fatigue assessment of steel thin-walled structures. In *Proceedings of the 2th International Conference on New Trends in Statics and Dynamics of Buildings, Bratislava, 16-17 October 2003*. Bratislava: Slovak University of Technology and Slovak Society of Mechanics SAS, 2003. ISBN 80-227-1958-7, p. 163-168.

KRIVÁČEK, J. Stability of elastic plate gradually separated from longitudinal stiffeners. In *CD Proceedings of the 15th International Conference on Computer Methods in Mechanics of CMM-2003*,

Wisla, Poland, 3-6 June 2003. Gliwice/Wisla: Silesian University of Technology, 2003. ISBN 83-914632-4-9, p. 1-7.

KRIŽMA, M. – JERGA, J. – NÜRNBERGEROVÁ T. – HANEČKA, K. Serviceability Limit States of The Structural Aerated Concrete Members under Long-Term Load. In: *Quality and Reliability in Building Industry 2003. Proceedings of III. International Scientific Conference. FCE TU Košice. Levoča, 22-24 October. Slovak Republic*, Košice: FCE TU Košice, pp. 333-340.

KRIŽMA, M. – JERGA, J. – NÜRNBERGEROVÁ T. – KALINA, P. Failure Process of Aerated Concrete Elements of Reduced Structural Depth. In: *Building Materials and Testing 2003. Conference Proceedings. Fakulta Berg TU Košice. Vysoké Tatry – Štrbské Pleso, 1. – 3. 10. 2003, Slovak Republic*, Košice: SvF TU Košice, pp. 114 – 116.

KRIŽMA, M. – JERGA, J. – ROJKO, E. – CHVÍLA, M. Deformation Properties of Sprayed Concrete. *Statically-constructive and structural-physical problems of structural constructions. In: Zborník z 5. konferencie s medzinárodnou účasťou. Tatranská Lomnica, 26.-28.11.2003, Slovak Republic*, Košice: SvF TU v Košiciach, ss. 179 – 186.

MATIAŠOVSKÝ, P. – KORONTHÁLYOVÁ, O. Determination of thermal parameters of the composite building materials solid phase. In *Research in Building Physics. Proceedings of the 2nd International Conference on Building Physics, Leuven, Belgium, 14-18 September 2003*. Antwerpen: Balkema, 2003. ISBN 90 5809 565 7 p. 109-113.

MATIAŠOVSKÝ, P. – KORONTHÁLYOVÁ, O. Passive solar gains versus ventilation by opening windows. In *Research in Building Physics. Proceedings of the 2nd International Conference on Building Physics, Leuven, Belgium, 14-18 September 2003*. Antwerpen: Balkema, 2003. ISBN 90 5809 565 pp. 765-770.

MOJUMDAR, S. C. – JANOTKA, I. – RAY, A. – PALOU, M. T. Thermal analysis, hydration phase, pore structure formation and electro-chemical properties of the blends from sulfoaluminate belite cement and Portland cement. In *Proceedings of the 49-th International Conference on Analytical Sciences and Spectroscopy (ICASS), Ottawa, Canada, 1-4 June 2003*. Ottawa: Carleton University, 2003. p. 99-100.

MOJUMDAR, S.C. – JANOTKA, I. – KRAJČI, E. – RAY, A. Synthesis, chemical, thermal, electrical-chemical and X-ray diffraction analysis and hydration of Portland cement-zeolite mortar in water and sulphate solution. In *Proceedings of the 31st North American Thermal Analysis Society Conference (Abstract Booklet), Albuquerque, USA, 22-24 September 2003*. Albuquerque: Perkin Elmer, 2003. p. 76.

NAĎ, E. – JANOTKA, I. Zvyšovanie požiarnej bezpečnosti tunelov z pohľadu európskych výskumných aktivít. In *Proceedings of the International Conference on Building Materials and Testing, Štrbské Pleso, Slovakia, 1-3 October 2003*. Stupava: Orgware Slovakia, 2003. ISBN 80-7099-991-8. p. 144-145.

NÜRNBERGEROVÁ, T. – KRIŽMA, M. Deformation work of concrete beams under moving load. In: *Proceed. of the 4th International Conference on Building Materials and Testing 2003, 1-3 October 2003, Štrbské Pleso, Slovak Republic*. ORGWARE Stupava: Faculty Berg TU Košice, p. 105-107.

NÜRNBERGEROVÁ, T. – KRIŽMA, M. Influence of moving load on the deformation work of SC beams. In: *Proceedings of the 3rd International Scientific Conference on Quality and Reliability in Building Industry, 22-24 October 2003, Levoča, Slovak Republic*. Košice: Technical University of Košice, Faculty of Civil Engineering, p. 413-418.

PALOU, M. – MAJLING, J. – JANOTKA, I. The performance of blended cements based on sulfoaluminate belite and Portland cements. In *Proceedings of the 11-th International Congress on Chemistry of Cement (ICCC), Durban, South Africa, 11-16 May 2003*. Durban: G. Grieve and G. Owens, 2003. ISBN 0-9584085-8-0. p. 1896-1902.

PITOŇÁK, A. – KRIŽMA, M. – NÜRNBERGEROVÁ, T. Deformation properties of steel joints of the highway concrete crash barriers. In: *Zborník z konferencie s medzinárodnou účasťou Statically-constructive and structural-physical problems of structural constructions, 26-28 November 2003, Tatranská*

Lomnica, Slovak Republic. Košice: Stavebná fakulta Technickej univerzity v Košiciach, Dom techniky ZSVTS Košice, Výskumný ústav stavebný, s. r. o., p. 173-178.

PITOŇÁK, A. – KRIŽMA, M. – NÜRNBERGEROVÁ, T. Loading capacity and serviceability determination methods of special structural elements. In: *Proceedings of the 3rd International Scientific Conference on Quality and Reliability in Building Industry, 22-24 October 2003, Levoča, Slovak Republic*. Košice: Technical University of Košice, Faculty of Civil Engineering, p. 451-456.

PITOŇÁK, A. – KRIŽMA, M. – NÜRNBERGEROVÁ, T. Tests of post tensioned structural elements under repeated load. In: *Proceedings of the 4th International Conference on Building Materials and Testing 2003, 1-3 October 2003, Štrbské Pleso, Slovak Republic*. ORGWARE Stupava: Faculty Berg TU Košice, p. 111-113.

POKORNÝ, M. – JERGA, J. – GAŠPARÍK, J. The use of NDT at the serviceability evaluation. In: *New Trends in Statics and Dynamics of Buildings: Proceedings of the 2nd international conference, October 16-17, 2003. Bratislava, Slovak Republic*. Bratislava: Slovak University of Technology, Faculty of Civil Engineering, 2003. p. 31-36.

POKORNÝ, M. – JERGA, J. Dynamic NDT of plate elements. In: *Building Materials and Testing 2003: Proceedings of the 4th international conference, October 1-3, 2003, Štrbské Pleso, Slovak Republic*. Stupava: Orgware, 2003. p. 146-148.

SLADEK, J. – SLADEK, V. – ZHANG, Ch. Analysis of microwave heating by the LBIE. In *Proceedings of the 15th International Conference on Computer Methods in Mechanics, 3-6 June 2003, Wisla, Poland*, Gliwice: Digital Printing Office, 2003. p. 43-44.

SLADEK, J. – SLADEK, V. – ZHANG, Ch. A local boundary integral equation method for elastodynamic Problems in Continuously Nonhomogeneous Solids. In Gallego, R., Aliabadi, M. H. *Advances in Boundary Element Techniques IV, Proceedings of the International Conference on Boundary Element Techniques IV, 15-17 July 2003, Granada, Spain*, p. 243-252.

SLADEK, J. – SLADEK, V. – ZHANG, Ch. An advanced numerical method for computing elastodynamic fracture parameters in functionally graded materials. In *Book of Abstracts 13th International Workshop on Computational Mechanics of Materials IWCM 13, 22-23 September 2003, Magdeburg, Germany*, Magdeburg: Otto-von-Guericke-Universität. p. 64-65.

SLADEK, J. – SLADEK, V. – ZHANG, Ch. Dynamic response of a crack in a functionally gradient material under an antisymmetric plane shear impact load. In Buchhloz, F. G., Richard, H. A., Aliabadi, M. H. *Advances in Fracture and Damage Mechanics, Proceedings of the 3rd International Conference on Fracture and Damage Mechanics FDM 2003, 2-4 September 2003, Paderborn, Germany*, Uetikon-Zurich: ttp Trans Tech Publications Ltd, 2003. p. 123-129.

SLADEK, J. – SLADEK, V. – ZHANG, Ch. Transient heat conduction analysis in a 3D axisymmetric body by the meshless local boundary integral equation method. In *Proceedings of the 2nd MIT Conference on Computational Fluid and Solid Mechanics, 17-20 June 2003, Cambridge, USA*, Elsevier 2003. p. 2131-2134.

SLADEK, J. – SLADEK, V. Advanced meshless method for heat conduction analysis in functionally graded materials. In *Proceedings of the International Conference on Advanced Metallic Materials, 5-7 November 2003, Smolenice, Slovakia*, Bratislava: Institute of Materials & Mashine Mechanics, 2003. p. 275-280.

SLADEK, J. – SLADEK, V. Local boundary integral equation method for heat conduction problem in an anisotropic medium. In *Advances in Computational & Experimental Engineering & Sciences, Proceedings from ICCES 2003, 24-29 July 2003, Corfu, Greece*, Encino CA, USA: Tech Science Press. CD-ROM.

SLADEK, V. – SLADEK, J. – ZHANG, Ch. Local integral equations treatment of potential problems in nonhomogeneous media. In *Numerical Methods in Continuum Mechanics, Proceedings of the 9th International Conference NMCM 2003, 9-12 September 2003, Žilina, Slovakia*, Martin: National Agency in Slovak Republic, 2003. CD-ROM, ISBN 80-968823-4-1.

SOKOL, M. – KRIŽMA, M. – BEKÖ, A. – VÉGHOVÁ, I. Beam Column Joint Subjected to Seismic Action. *Statico-konštrukčné a stavebno-fyzikálne problémy stavebných konštrukcií*. In: *Zborník z 5.*

konferencie s medzinárodnou účasťou. Tatranská Lomnica, 26. - 28. 11. 2003 Slovak Republic. Košice: SvF TU v Košiciach, ss. 293-296.

TESÁR, A. – MINÁR, M. Material instability of carbon fiber composites. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng. Proceedings from the 2nd int. conference held in May 19-22, 2003 on Tále, Slovak Republic*, Žilina: SvF ŽU v Žiline, s. 305-308.

TESÁR, A. – SEDLÁR, M.: Behaviour control of modern composite structures. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng. Proceedings from the 2nd int. conference held in May 19-22, 2003 on Tále, Slovak Republic*, Žilina: SvF ŽU v Žiline, s. 309-312.

TESÁR, A. Collapse behaviour of fiber composites. In: *International Conference on 50th Celebration of Karavelov University, Sofia, October 29- November 2, 2003, Bulgaria*, Sofia: Karavelov University, p. 67-71

TESÁR, A. Material instability in fatigue of fiber glass composites. In: *Contributions to Computational and Experimental Investigation of Engineering Materials and Structures. Dedicated to Zdeněk Bittnar on the occasion of his 60th birthday, CTU in Prague, CTU Reports 2003, Czech Republic*, Prague: CTU in Prague, vol. 7, no. 1, p. 397-406.

TESÁR, A. Rail interaction in propagation of braking forces in railway viaducts. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng. Proceedings from the 2nd int. conference held in May 19-22, 2003 on Tále, Slovak Republic*, Žilina: SvF ŽU v Žiline, s. 136-139.

TESÁR, A. Some problems of aeroelasticity. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng. Proceedings from the 2nd int. conference held in May 19-22, 2003 on Tále, Slovak Republic*, Žilina: SvF ŽU v Žiline, s. 22-25.

ZHANG, Ch. – SLADEK, J. – SLADEK, V. A comparison of two time-domain BEM for 3-D dynamic crack analysis. In *Proceedings of the 15th International Conference on Computer Methods in Mechanics, 3-6 June 2003, Wisla, Poland*, Gliwice: Digital Printing Office, 2003. p. 367-368.

ZHANG, Ch. – SLADEK, J. – SLADEK, V. Antiplane crack analysis of a functionally graded material by a BIEM. In *Book of Abstracts 13th International Workshop on Computational Mechanics of Materials IWCM 13, 22-23 September 2003, Magdeburg, Germany*, Magdeburg: Otto-von-Guericke-Universität. p. 75-76.

ZHANG, Ch.– SLADEK, J. - SLADEK, V. Numerical analysis of cracked functionally graded materials. In Buchholz, F. G., Richard, H. A., Aliabadi, M. H. *Advances in Fracture and Damage Mechanics, Proceedings of the 3rd International Conference on Fracture and Damage Mechanics FDM 2003, 2-4 September 2003, Paderborn, Germany*, Uetikon-Zurich: ttp Trans Tech Publications Ltd, 2003. p. 463-471.

ZHANG, Ch.– SLADEK, J. – SLADEK, V. On two non-hypersingular traction BEM for 3-d transient elastodynamic crack analysis. In *Numerical Methods in Continuum Mechanics, Proceedings of the 9th International Conference NMCM 2003, 9-12 September 2003, Žilina, Slovakia*, Martin: National Agency in Slovak Republic, 2003. CD-ROM, ISBN 80-968823-4-1.

ŽIVICA, V. Chemical resistance of Cements Condition for Reliability of Concrete structures, In *Quality and Reliability in Building Industry*, III. International Scientific Conference, Levoča, October 22.-24.10.2003, p. 561-565.

ŽIVICA, V. Nová metóda na monitorovanie stavu výstuže železobetónových konštrukcií. In *Zborník z konferencie Stavebné materiály a skúšobníctvo*, 1.-3. október 2003, Štrbské Pleso, Technický a skúšobný ústav stavebný Bratislava, ORGWARE 2003, p. 78-80.

ŽIVICA, V. Perspektívy možnosti úprav materiálového zloženia pre zabezpečenie kvality a vývoj cementových kompozitov. In *Zborník prednášok z celoštátnej konferencie s medzinárodnou účasťou BETÓN 2003*, 2.-4.10.2003 Štrbské Pleso, Stavebná fakulta TU Košice, Slovenská asociácia výrobcov transportbetónu Bratislava, Slovenská vedecko-technická spoločnosť, p. 35-45.

Addendum to year 2002

DORICOVÁ, S. Rodinný dom v bratislavskej architektúre 1918 – 1939. Vybrané príklady. In *Architektúra & Urbanizmus* 36, 2002, 3-4, s. 87-105.

b) non-reviewed

BARTZOKAS, A. – KAMBEZIDIS, H. – DARULA, S. – KITTLER, R. Sky luminance distribution in Central Europe and the Mediterranean during summer period. In *Proc. of the 8th int. conf. on Environmental science and technology, vol. of Abstracts, Lemnos Island, Greece*, University of Aegean, 8. –10. 9. 2003, ISBN 960-7475-24-0, p. 74-85.

DARULA, R. – SENDERÁKOVÁ, D. – DARULA, S. Príspevok k meraniu smerového prestupu difúzneho svetla transparentnými materiálmi. In *Proc. 14. int. conf. SVETLO 2003, Liptovský Ján, Slovakia*, DT ZSVTS Bratislava, 8. – 10. 10. 2003, ISBN 80-233-04887, p. 239-242.

DARULA, S. – KITTLER, R. – KAMBEZIDIS, H. – BARTZOKAS, A. Reconstruction of missing measured illuminance values in regular daylight data recording. In *Proc. 14. int. conf. SVETLO 2003, Liptovský Ján, Slovakia*, DT ZSVTS Bratislava, 8. – 10. 10. 2003, ISBN 80-233-04887, p. 62-70.

DARULA, S. Zmeny denného svetla versus požiadavky noriem. In *Zbor. Kurz osvetľovací techniky XXII, Kouty nad Desnou, Czech Republic*, VŠB TU Ostrava, 23. – 24. 9. 2003, ISBN 80-248 0446-8, p. 5-10.

DORICOVÁ, S. Aktuálnosť architektúry rodinných domov medzivojnového obdobia – vybrané príklady. In *Rodinný dom – obraz našej kultúry, 23. September 2003*. Bratislava, Spolok architektov Slovenska, 2003. s.2-3

DULLA, M.: Miesta bez návratu. Sepulkrálna architektúra Dušana Jurkoviča – cintoríny v západnej Haliči. In: *Cintoríny. Zborník z medzinárodného sympózia 17.-18.10.2003*, Nitra, SZKA, SPU 2003. s. 16-22.

JANOTKA, I. Využitie prírodného zeolitu v stavebníctve-aplikácie v cementových kompo-zitoch a geosyntetickej tesniacej rohoži. In *Odborný seminár-Prírodné a syntetické zeolity, 13. február 2003*. Bratislava: Fakulta chemickej a potravinárskej technológie STU, 2003. s. 1-19.

MATIAŠOVSKÝ, P. – KORONTHÁLYOVÁ, O. Použitie kapilárne aktívnych tepelnoizolačných materiálov na zatepľovanie z vnútornej strany. In *Proceedings of the 10th International Conference Tepelná ochrana budov 2003, Vysoké Tatry – Štrbské Pleso, Slovakia, 23-24 April 2003*. Bratislava: DT ZSVTS, 2003. ISBN 80-233-0484-4, p. 112-116.

SADOVSKÝ, Z. – PÁLEŠ, D. Reliability of frames designed for relevant snow or wind actions. In *Spolehlivost konstrukcí Ostrava 23.-24.4.2003*, Dům techniky Ostrava 2003. ISBN 80-02-01551-7, p. 185-190.

TOPOLČANSKÁ, M. M. Kusý, P. Paňák, Vila G. In: *Katalóg Ceny Dušana Jurkoviča 2003*, Bratislava, Vydavateľstvo SAS 2003.

ŽIVICA, V. Elektrochemické sanačné metódy na repasiváciu výstuže železobetónových konštrukcií. In *Zborník prednášok 4. seminár Sanácia betónových konštrukcií, 4.-5.júna 2003 Bratislava*. Združenie pre sanáciu betónových konštrukcií, Katedra materiálového inžinierstva SvF STU Bratislava, p. 41-46.

16. Reviews of research works in scientific journals

DORICOVÁ, S. Česká architektura 2001–2002. In *Arch o architektúre a inej kultúre* 8,2003,12, s.54.

17. Lectures and posters at scientific meetings with abroad attendance at least 30 %

DARULA, S. Reconstruction of missing measured illuminance values in regular daylight data recording In *14. Int. Conf. SVETLO 2003*, held on 9. 10. 2003, Liptovský Ján, Slovakia.

DARULA, S.: The standardisation of daylighting exterior conditions and related topics. In *SUBURET Workshop*, held on 17. 1. 2003, St. Moritz, Switzerland.

- JANOTKA, I, Effect of temperature on structural quality of high strength concrete with silica fume. In *17th International Conference on Structural Mechanics in Reactor Technology, Prague, Czech Republic, 17-22 August 2003*.
- JANOTKA, I. Performance of mortar made from binary sulphoaluminate-belite (85 wt %) / Portland cement (15 wt %) blend. In *15th International Conference IBAUSIL, Weimar, Germany, 24-27 September 2003*.
- JERGA, J. Crack analysis and the reliability of PPC. In: *New Trends in Statics and Dynamics of Buildings, October 16-17, 2003, Bratislava*.
- JERGA, J. Cracking of linear concrete elements. In: *Building Materials and Testing 2003, October 1-3, 2003, Štrbské Pleso*.
- JERGA, J. Dynamic NDT of plate elements. In: *Building Materials and Testing 2003, October 1-3, 2003, Štrbské Pleso*.
- JERGA, J. Failure Process of Aerated Concrete Elements of Reduced Structural Depth. In: *Building Materials and Testing 2003, October 1-3, 2003, Štrbské Pleso*.
- JERGA, J. The use of NDT at the serviceability evaluation. In: *New Trends in Statics and Dynamics of Buildings, October 16-17, 2003, Bratislava*.
- JUHÁSOVÁ, E. Contribution of new materials to dynamic resistance capacity and integrity of structures, vyžiadaná prednáška CESTI Krynica, september 2003.
- JUHÁSOVÁ, E. Retrofitting masonry building in seismic areas, vyžiadaná prednáška SECED, London, March 2003.
- JUHÁSOVÁ, E. Stone Masonry Retrofitting. Prednáška na ECM. 2003.
- JUHÁSOVÁ, E. The contribution of control to earthquake mitigation. vyžiadaná prednáška ICEDMR, Taipei, November 2003.
- JUHÁSOVÁ, E. The masonry under moderate seismicity and transport effects. vyžiadaná prednáška, INDIS Novi Sad, November 2003.
- JUHÁSOVÁ, E. Transport and lifeline structures versus accidental and natural hazard actions. vyžiadaná prednáška CEI, Sofia, November 2003.
- KORONTHÁLYOVÁ, O. Microstructural changes of plasters due to carbonation and their influence to the moisture transport influence. In *2nd International Conference on Building Physics, held on 14-18 September 2003, Antwerpen, Belgium*.
- KRAJČI, L. Corrosion of steel reinforcement in mortars subjected to aggressive attack of environment. In *3rd International Conference on Quality and Reliability in Building Industry, Levoča, Slovakia, 22-24 October 2003*.
- KRAJČI, L. Influence of blastfurnace slag on properties of cement blend systems exposed to aggressive environment. In *4th International Conference on Material Problems in Civil Engineering (MATBUD), Cracow, Poland, 25-27 June 2003*.
- KRIVÁČEK, J. Stability of elastic plate gradually separated from longitudinal stiffeners. In: *15th International Conference on Computer Methods in Mechanics of CMM-2003, 3-6 June 2003, Wisla, Poland*.
- KRIŽMA, M. Deformation Properties of Sprayed Concrete. In: *Statically-constructive and building-physics problems of building structures*. 26. - 28. 11. 2003, Tatranská Lomnica.
- KRIŽMA, M. Serviceability Limit States of The Structural Aerated Concrete Members under Long-Term Load. In: *Quality and Reliability in Building Industry 2003, 22-24 October 2003, Levoča*.
- MATIAŠOVSKÝ, P. Analysis of the relationships between critical pore volume and pore structure parameters. In BEDECANUS Meeting, held on 4 June 2003, Holzkirchen, Germany.
- MATIAŠOVSKÝ, P. Basic parameters for material development. In INSUMAT Final Meeting, held on 22-23 September 2003, Dresden, Germany.

- MATIAŠOVSKÝ, P. Determination of thermal parameters of the composite building materials solid phase. In 2nd International Conference on Building Physics, held on 14-18 September 2003, Antwerpen, Belgium.
- MATIAŠOVSKÝ, P. Experiences in the field of HAM with special emphasis on whole building HAM. In IEA-EXCO Annex 41 take-off meeting, held on 26-28 November 2003, Leuven, Belgium.
- MATIAŠOVSKÝ, P. Passive solar gains versus ventilation by opening windows. In 2nd International Conference on Building Physics, held on 14-18 September 2003, Antwerpen, Belgium.
- MATIAŠOVSKÝ, P. Procurement structure in Slovakia - Weight of particular information flows during procurement process. In PeBBu Domain 9 Meeting, held on June 21, 2003, Glasgow, Great Britain.
- MATIAŠOVSKÝ, P. Review of different curves obtained at Transient 1-D water intake In BEDECANUS Meeting, held on 4 June 2003, Holzkirchen, Germany.
- MATIAŠOVSKÝ, P. Thermophysical Parameters of Calcium Silicate Insulation Measured by Guarded Hot Plate and Pulse Transient Methods. In Meeting of the Thermophysical Working Group of the Slovak Physical Society, held on 16-17 October 2003, Kocovce, Slovakia.
- MORAVČÍKOVÁ, H. – DORICOVÁ, S: Modern Concepts of Living and Work: Baťovany – Partizánske. MOMONECO, Kodaň, 15.10.2003.
- MORAVČÍKOVÁ, H. – TOPOLČANSKÁ, M: Modern Concepts of Living and Work: Baťovany – Partizánske. MOMONECO, Ivrea, 14. 9. 2003.
- MORAVČÍKOVÁ, H. Modern Concepts of Living and Work: Baťovany – Partizánske. MOMONECO, Kotka, 16.8.2003.
- NÜRNBERGEROVÁ, T. Deformation work of concrete beams under moving load. In: *Building Materials and Testing 2003*, 1-3 October 2003, Štrbské Pleso.
- NÜRNBERGEROVÁ, T. Influence of moving load on the deformation work of SC beams. In: *Quality and Reliability in Building Industry*, 22-24 October 2003, Levoča.
- PITOŇÁK, A. Deformation properties of steel joints of the highway concrete crash barriers. In: *Statico-konštrukčné a stavebno fyzikálne problémy stav. konštrukcií*, 26. - 28. 11. 2003, Tatranská Lomnica.
- PITOŇÁK, A. Loading capacity and serviceability determination methods of special structural elements. In: *Quality and Reliability in Building Industry*, 22-24 October 2003, Levoča.
- PITOŇÁK, A. Tests of post tensioned structural elements under repeated load. In: *Building Materials and Testing*, 2003, October 1-3, 2003, Štrbské Pleso.
- SADOVSKÝ, Z. Reliability of frames designed for relevant snow or wind actions. In: *Spolehlivost konstrukcí Ostrava* 23.-24.4.2003.
- SLADEK, J. A local boundary integral equation method for elastodynamic Problems in Continuously Nonhomogeneous Solids. In *International Conference on Boundary Element Techniques IV*, 15-17 July 2003, Granada, Spain.
- SLADEK, J. Advanced meshless method for heat conduction analysis in functionally graded materials In *International Conference on Advanced Metallic Materials*, 5-7 November 2003, Smolenice, Slovakia.
- SLADEK, J. An advanced numerical method for computing elastodynamic fracture parameters in functionally graded materials. In *13th International Workshop on Computational Mechanics of Materials IWCM 13*, 22-23 September 2003, Magdeburg, Germany.
- SLADEK, J. Analysis of microwave heating by the LBIE. In *15th International Conference on Computer Methods in Mechanics*, 3-6 June 2003, Wisla, Poland.
- SLADEK, J. Dynamic response of a crack in a functionally gradient material under an antisymmetric plane shear impact load. In *3rd International Conference on Fracture and Damage Mechanics FDM 2003*, 2-4 September 2003, Paderborn, Germany.

SLADEK, J. Local boundary integral equation method for heat conduction problem in an anisotropic medium. In *International Conference ICCES 2003, 24-29 July 2003, Corfu, Greece*.

SLADEK, J. Transient heat conduction analysis in a 3D axisymmetric body by the meshless local boundary integral equation method. In *2nd MIT Conference on Computational Fluid and Solid Mechanics, 17-20 June 2003, Cambridge, USA*.

SLADEK, V. Local integral equations treatment of potential problems in nonhomogeneous media. In *9th International Conference on Numerical Methods in Continuum Mechanics NMCM 2003, 9-12 September 2003, Žilina, Slovakia*.

TESÁR, A. Behaviour control of modern composite structures. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng.*, May 19-22, 2003, Tále.

TESÁR, A. Material instability of carbon fiber composites. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng.*, May 19-22, 2003, Tále.

TESÁR, A. Rail interaction in propagation of braking forces in railway viaducts. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng.*, May 19-22, 2003, Tále.

TESÁR, A. Some problems of aeroelasticity. In: *Dynamics of Civ. Eng. and Transport Struct. and Wind. Eng.*, May 19-22, 2003, Tále.

ŽIVICA, V. Nová metóda na monitorovanie stavu výstuže železobetónových konštrukcií. In *Stavebné materiály a skúšobníctvo*, 1.-3. október 2003, Štrbské Pleso.

ŽIVICA, V. Perspektívy možnosti úprav materiálového zloženia pre zabezpečenie kvality a vývoj cementových kompozitov. In *BETÓN 2003*, 2.-4.10.2003 Štrbské Pleso.

18. Other lectures and posters

DARULA, S. Zmeny denného svetla versus požiadavky noriem. In *Kurz osvetľovací techniky XXII*, held on 23. 9. 2003, Kouty nad Desnou.

DORICOVÁ, S. Aktuálnosť architektúry rodinných domov medzivojnového obdobia – vybrané príklady. Rodinný dom – obraz našej kultúry, SAS, Bratislava, 23. 9. 2003.

JANOTKA, I. Využitie prírodného zeolitu v stavebníctve-aplikácie v cementových kompozitoch a geosyntetickej tesniacej rohoži. In *Odborný seminár-Prírodné a syntetické zeolity, 13. február 2003*. Bratislava.

JUHÁSOVÁ, E. Dynamika stavebných konštrukcií v Eurokódoch a národných normách - súčasný stav a perspektívy rozvoja – Seizmicita a aeroelasticita, vyžiadaná prednáška, školenie SI Kočovce 8.-9. apríl 2003.

KORONTHÁLYOVÁ, O. Použitie kapilárne aktívnych tepelnoizolačných materiálov na zatepl'ovanie z vnútornej strany. In 10^t International conference Tepelná ochrana budov 2003, held on 23-24 April 2003, Vysoké Tatry – Štrbské Pleso, Slovakia.

KORONTHÁLYOVÁ, O. Simulácia nestacionárneho tepelnovlhkostného správania vnútorného prostredia budov. In *Seminár Simulácie vnútorného prostredia budov*, held on 23 October 2003, Bratislava, Slovakia.

MATIAŠOVSKÝ, P. Využitie simulácií relatívnej vlhkosti a teploty vnútorného vzduchu pri navrhovaní vnútorbných povrchov interiéru. In *Seminár Simulácie vnútorného prostredia budov*, held on 23 October 2003, Bratislava, Slovakia.

MORAVČÍKOVÁ, H. Architekt Fridrich Weinwurm. Fakulta architektúry STU, Bratislava, 25.10.2003.

MORAVČÍKOVÁ, H. Ba'ovany – Partizánske: Vzorné slovenské priemyselné mesto. Fakulta architektúry STU, Bratislava, 8.12.2003.

MORAVČÍKOVÁ, H. Moderné koncepcie bývania a práce: Ba'ovany – Partizánske. MOMONECO, Partizánske, 28.8.2003.

TOPOLČANSKÁ, M. Architekt teoretik Ignasi de Sola-Morales, v rámci prednáškového cyklu *Teória architektúry*, dňa 27.11.2003.

TOPOLČANSKÁ, M. Architektka Alena Šrámková, v rámci prednáškového cyklu Dejiny architektúry 20.stor., Súčasné trendy v architektúre, Fakulta architektúra STU, 25.11.2003.

19. Issued periodicals registered in Current Contents

–

20. Other issued periodicals

Architektúra & urbanizmus, ÚSTARCH SAV, 4

Building Research Journal, ÚSTARCH SAV, 4

21. Issued or edited proceedings of scientific activities

–

22. University textbooks

–

23. Scientific works published on internet

–

24. Translations of scientific and professional texts

SOUKKA, S. – MUSTONEN, T. Sunila – MoMoNeCo research text. Preložila M. Topolčanská. *Architektúra & Urbanizmus* 37, 2003, 2, s. 133 – 154.

Scientific reviews (Invitational reviews of manuscripts of monographs and scientific works from abroad, contributions to international conferences, opposing granted projects)

Juhásová E.: review critique of Modelling of delivery risk in building projects, *Komunikácie – Listy Žilinskej univerzity*.

Juhásová E.: review critique of Comparing loss estimation with observed damage: A study of the 1999 Kocaeli Earthquake in Turkey, *Bulletin of Earthquake Engineering*.

Juhásová E.: review critique of Identification and modal analysis of cracked r/c structures, *Zeszyty Naukowe Politechniki Opolskiej*.

Juhásová E.: review critique of Seismic rehabilitation of structures, *Zeszyty Naukowe Politechniki Opolskiej*.

Juhásová, E.: opponent review of project for VEGA (návrh projektu podaný z rezortu VŠ do komisie č. 6 so začiatkom riešenia v r. 2004).

Juhásová, E.: 2 opponent reviews of project for APVT SR – (návrh 2 projektov so začiatkom riešenia v r. 2003-2004).

Juhásová, E.: 2 opponent reviews of project for GA ČR – (návrh 2 projektov so začiatkom riešenia v r. 2004).

Juhásová, E.: review critique of Dynamic response of a trunk structure building to multiple transient loading, *Komunikácie – Listy Žilinskej univerzity*.

Koronthályová, O.: review critique of T. Kalamees, J. Vinha: Estonian Climate Analysis for Selecting Moisture Reference Years for Hygrothermal Calculations, *Journal of Thermal Envelope and Building Science*.

Koronthályová, O.: review critique of S. M. Cornick, G. A. Chown: Defining Climate Regions as a Basis for Requirements for Precipitation Protection for Walls, *Journal of Thermal Envelope and Building Science*.

Krajčí, E. opponent review of project for GAČR, reg. č. 103/04/0914 a názvom – Method of alpha-gypsum production from waste-gypsum by dehydration in salt solution.

Matiašovský P.: 2 opponent reviews of project for GAČR, č. 103/04/0836 a 103/04/1090 so začiatkom riešenia v r. 2004.

Matiašovský P.: 2 opponent reviews of project for APVT-20-044202 a APVT-20-028902.

Sládek, J.: review critique of A. J. M. Ferreira: Assessment of radial basis functions and unsymmetrical collocation on the analysis of composite and sandwich plates, *Engineering Structures*.

Sládek, J.: review critique of A. S. El-Karamany, M. A. Ezzat: Analytical aspects in boundary integral equation formulation for the generalized linear micropolar thermoelasticity, *International Journal of Mechanical Sciences*.

Sládek, J.: review critique of C. C. Chien, T. Y. Wu: An accurate solution of the meshless local Petrov-Galerkin formulation in elastodynamics, *Journal of the Chinese Institute of Engineers*.

Sládek, J.: review critique of E. J. Sellountos, D. Polyzos: A meshless local boundary integral equation method for solving transient elastodynamic problems, *Computational Mechanics*.

Sládek, J.: review critique of G. Yagawa: Node-by-node parallel finite elements, A virtually meshless method, *International Journal for Numerical Methods in Engineering*.

Sládek, J.: review critique of J. G. Wang, T. Nogami: Numerical performance of compactly supported radial basis functions in radial point interpolation meshless method, *Computer Methods in Applied Mechanics and Engineering*.

Sládek, J.: review critique of J. P. Talbot, H. E. M. Hunt: A computationally efficient piled-foundation model for studying the effects of ground-borne vibration on buildings, *Journal of Mechanical Engineering Science*.

Sládek, J.: review critique of J. T. Chen, S. R. Lin, K. H. Chen: Degenerate scale for torsion bar problems with arbitrary cross sections using the dual BEM, *International Journal for Numerical Methods in Engineering*.

Sládek, J.: review critique of K.G. Tsepoura, D. Polyzos: A BEM/FFT methodology for solving static and frequency domain gradient elastic problems with axisymmetry, *Computational Mechanics*.

Sládek, J.: review critique of N. Alexandrova, P. M. M.Vila Real: The influence of temperature and rotational speed on failure of an anisotropic annular disk, *Strojnícky časopis*.

Sládek, J.: review critique of N. Khomasuridze: On the symmetry principle in linear and nonlinear mechanics, *Journal of Applied Mathematics and Mechanics*.

Sládek, J.: review critique of N. Sadati: Development and utilization of two new C1-interpolations in finite element method as C1 displacement type of element, *Computers & Structures*.

Sládek, J.: review critique of N. Zhongrong, Z. Huanlin: The natural boundary integral equation in potential problems and regularization of the hypersingular integral, *Computers & Structures*.

Sládek, J.: review critique of S. Mukherjee: An extended boundary node method for modelling normal derivative discontinuities in potential theory across edges and corners, *Engineering Analysis with Boundary Elements*.

Sládek, J.: review critique of S. Reutskiy: A boundary method of the Trefftz type for time dependent Stokes problems, *Engineering Analysis with Boundary Elements*.

Sládek, J.: review critique of W. Peng, Y. T. Hsia: Three dimensional thermo-mechanical analysis of layered elastic-plastic solids, *Journal of Applied Mechanics*.

Sládek, J.: review critique of X. Yan: A boundary element modeling of fatigue propagation in a plate with a center-inclined crack under uniaxial cyclic loading, *Computers & Structures*.

Sládek, J.: review critique of Z. G. Zhou, B. Wang: An opening interface crack mode between two half-planes of orthotropic functionally graded materials, *International Journal Solids and Structures*.

Sládek, V.: review critique of A. D. Mesquita, H. B. Coda: A boundary element methodology for viscoelastic analysis: Part I with cells, *Applied Mathematical Modelling*.

Sládek, V.: review critique of A.D. Mesquita, H.B. Coda: A boundary element methodology for viscoelastic analysis: Part II without cells, *Applied Mathematical Modelling*.

Sládek, V.: review critique of E. A. W. Maunder, A. C. A. Ramsay: A basis for an axisymmetric hybrid-stress element, *Strojnícky časopis*.

Sládek, V.: review critique of E. S. Ventsel, V. V. Naumenko, H. A. Strelnikova: Evaluation of hypersingular integrals along curvilinear contour, *Engineering Analysis with Boundary Elements*.

Sládek, V.: review critique of G. J. Giannopoulos, N. K. Anifantis: Boundary element analysis of two-dimensional thermal fracture interference problems, *Computer Methods in Applied Mechanics and Engineering*.

Sládek, V.: review critique of H. Gun: 3-D elastoplastic contact applications using the boundary element method, *Computer Methods in Applied Mechanics and Engineering*.

Sládek, V.: review critique of I. Chudinovich, Ch. Constanda, O. Dolberg: A matrix of fundamental solutions for thermoelastic plates with transverse shear deformation, *Journal of Engineering Mathematics*.

Sládek, V.: review critique of J. Purbolaksono, M.H. Aliabadi: Large deformation of shear deformable plates by the boundary element method, *Journal of Engineering Mathematics*.

Sládek, V.: review critique of N. Nakashima: Unconditionally stable explicit difference schemes for the variable coefficients two dimensional parabolic differential equation (V), *Strojnícky časopis*

Sládek, V.: review critique of S. P. Joshi, T. Kant: Hypersingular boundary integral equation approach for added mass evaluation of submerged thin-walled structures, *Computers & Structures*.

Sládek, V.: review critique of Y. Zhang, W. Wen, X. Zhao, L. Wang: First kind non-singular boundary integral equations for the stationary Stokes problems, *Int. Jour. Solids & Structures*.

Sládek, V.: review critique of Y. Zhang, W. Wen, X. Zhao, L. Wang: Non-singular first kind boundary integralequations for plane potential problems, *Engineering Analysis with Boundary Elements*.

Živica, V. opponent review of project for GA ČR reg. č. 103/04/0668 „Relation of microstructure and prediction of long-term changes in stability of high performance composite materials with defined properties.

Živica, V. opponent review of project for GA ČR reg. č. 103/04/1289 „Reaction kinetics of concrete construction degradation induced by interaction with lithosphere, hydrosphere and atmosphere and their influence on the change of physical properties of concrete.

Živica, V. opponent review of project for VEGA reg.č. 1/1126/04.

Živica, V. review critique for Conf. Stavebné materiály a skúšobníctvo:

- J. Adámek, P. Juránek, V. Dibelka, J. Fojtl: Netradiční metody měření dlouhodobých přetvoření zesílených stropních panelů,
- P. Cirkle, R. Mařík Porovnání skušebních postupů pro beton v konstrukcích,
- J. Fojtl, T. Vaňura, P. Štěpánek, I. Švaříčková, V. Dibelka Dlouhodobé zkoušky dodatečně zesílených ŽB stropních panelů,
- A. Pitoňák, M. Křížma, T. Nürnbergerová: Test of post tensioned structural elements under repeated loading,
- T. Nürnbergerová, M. Křížma Deformation work of concrete beams under moving load.

Citations:

ATLURI, S.N. – SLÁDEK, J. – SLÁDEK, V. – ZHU, T. The local boundary integral equation (LBIE) and it's meshless implementation for linear elasticity. In *Computational Mechanics*. Vol. 25, 2000, 180-198.

WOS citations: 1

1. El-Karamany; A. S., Ezzat, M. A.
INT. J. ENGN. SCI., Vol. 40, 2002, pp. 1943-1956.

BALAS, J. – SLÁDEK, J. – SLÁDEK, V. *Stress Analysis by Boundary Element Method*. Amsterdam – Bratislava: Elsevier, 1989.

WOS citations: 6

1. Dong, C.; Bonnet, M.
COMPUT. MECHANICS, Vol. 28, 2002, pp. 105-121.
2. Saizonou, C.; Koiitat-Njiwa, R.; Von Stebut, J.
SURF. COAT. TECH., Vol. 153, 2002, pp. 290-297.
3. Guz, A. N.; Zozulya, V. V.

- INT. APPLIED MECHANICS, Vol. 38, 2002, pp. 3-45.
4. Dineva, P.; Gross, D.; Rangelov, T.
JOUR. SOUND VIBRATION, Vol. 256, 2002, pp. 81-102.
 5. Stankevich, V. Z.; Khai, M. V.
INT. APPL. MECH., Vol. 38, 2002, pp. 440-446.
 6. Kit, H. S.; Mikhasskiv, V. V.; Khaj, O. M.
PMM-J. APPL. MATH. MECH., Vol. 66, 2002, pp. 817-824.

Citations in monographs, textbooks and other publications: 4

1. MIRANDA-VALENZUELA, J. C., – MUCI-KUCHLER, K. H. *Adaptive Meshing with Boundary Elements*, Southampton: WIT, 2002
2. KOMPIS, V. – NOVAK, P. – HANDRIK, M. Finite displacements in reciprocity based multi-domain BE/FE formulations. In KOMPIS, V. *Selected Topics in Boundary Integral Formulations for Solids and Fluids*. Wien: Springer, 2002, p. 11-29.
3. KOMPIS, V. – BURY, J. Stress smoothing in large strain, large rotation problems. In KOMPIS, V. *Selected Topics in Boundary Integral Formulations for Solids and Fluid*. Wien: Springer, 2002, p. 31-39.
4. ALIABADI, M.H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

BALAS, J. – SLADEK, V. – SLADEK, J. The boundary integral equation method for plates resting on two-parameter foundation. In *ZAMM*. Vol. 64, 1984, pp. 137-146.

WOS citations: 1

1. Chucheepsakul, S.; Chinnaboon, B.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 547-555.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M. H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

BALAS, J. – SLADEK, J. – DRZIK, M. Stress analysis by combination of holographic interferometry and boundary integral method. In *Experimental Mechanics*. Vol. 23, 1983, pp. 196-202.

WOS citations: 1

1. Kang, Y.L. ; Soppa, E.; Schauder, S.
ACTA MEC. SOLIDA SINICA, Vol. 15, 2002, pp. 277-282.

SLADEK, J. – SLADEK, V. The effect of couple stresses on the stress field around a penny-shaped crack. In *International Journal of Fracture*. Vol. 25, 1984, pp.109-119.

WOS citations: 1

1. Yavari, A.; Sarkani, S.; Moyer, E. T.
JOUR. APPL. MECH., Vol. 69, 2002, pp. 45-54.

SLADEK, J. – SLADEK, V. Dynamic stress intensity factors studied by boundary integro-differential equations. In *International Journal of Numerical Methods in Engineering*. Vol. 23, 1986, pp. 919-928.

WOS citations: 2

1. Dineva, P.; Gross, DS.; Rangelov, T.
ENGN. FRACT. MECH., Vol. 69, 2002, 1193-1218.
2. Ariza, M. P.; Dominguez, J.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M.H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, J. – SLADEK, V. Boundary element analysis for an interface crack between dissimilar elastoplastic materials. In *Comp. Mech*. Vol. 16, 1995, pp. 396-405.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M.H. The Boundary Element Method vol. 2 – Applications in Solids and Structures. Chichester: Wiley, 2002.

SLADEK, J. – SLADEK, V. – FEDELINSKI, P. Contour integrals for mixed-mode crack analysis; effect of nonsingular terms, In *Theoretical and Applied Fracture Mechanics*. Vol. 27, 1997, pp.115-127.

WOS citations: 1

1. Melin, S.
INT. J. FRACTURE, Vol. 114, 2002, pp. 259-265.

SLADEK, J. – SLADEK, V. Evaluation of T-stresses and stress intensity factors in stationary thermo-elasticity by the conservation integral method. In *Int. Jour. Fracture*. Vol. 84, 1997, pp. 199-219.

Citations in monographs, textbooks and other publications: 1

1. Groger, R.; Knesl, Z. Application of contour integrals to assessment of notch stability in linear elasticity. In *Proc. Int. Conf. on Engn. Mechanics*. Svratka, 2002, pp. 1-9.

SLADEK, J. – SLADEK, V. Computation of thermoelastoplastic stresses in crack problems. Vol. *Int. J. Fracture*. Vol. 83, 1997, pp. 359-378.

WOS citations: 1

1. N.K.Mukhopadhyay, N. K.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 733-750.

Citations in monographs, textbooks and other publications: 1

1. DELL'ERBA, DIEGO N. *Thermoelastic Fracture Mechanics Using Boundary Elements*. Southampton: WIT, 2002.

SLADEK, J. – SLADEK, V. Evaluations of the T-stress for interface cracks by the boundary element method. In *Engn. Fracture Mechanics*. Vol. 56, 1997, pp. 813-825.

Citations in monographs, textbooks and other publications: 3

1. Groger, R.; Knesl, Z. Application of contour integrals to assessment of notch stability in linear elasticity. In *Proc. Int. Conf. on Engn. Mechanics*. Svratka, 2002, pp. 1-9.
2. R. Groger, R.; Nahlik, L. Vypocty lomovych parametru obecnych koncentratu napeti; II. Integralni formulace vypoctu lomovych parametru pro materialove nehomogeni telesa. In *Proc. Fatigue and Fracture Mechanics*. Zinkovy, 2002, pp. 1-12.
3. Groger, R. Integral methods for determination of fracture characteristics of the general stress concentrators. In *Proc. 4th Int. Conf. on Applied Mechanics*. Ostrava, 2002, pp. 1-10.

SLADEK, J. – SLADEK, V. – ATLURI, S.N. Local boundary integral equation (LBIE) method for solving problems of elasticity with nonhomogeneous material properties. In *Computational Mechanics*. Vol. 24, 2000, pp. 456-462.

WOS citations: 2

1. Gowrihankar, R.; Mukherjee, S.
COMM. NUM. METH. ENGN., Vol. 18, 2002, pp. 411-427.
2. Wang, M.Z.; Sun, S. L.
J. ELASTICITY, Vol. 67, 2002, pp. 51-59.

Citations in monographs, textbooks and other publications: 1

1. MUKHERJEE, S. The boundary contour method. In *Selected Topics in Boundary Integral Formulations for Solids and Fluids (Kompis, V., ed.)*. Wien: Springer, 2002, pp. 151-179.

SLADEK, J. – SLADEK, V. Nonsingular traction BIEs for crack problems in elastodynamics. In *Computational Mechanics*. Vol. 25, 2000, pp. 590-599.

WOS citations: 1

1. Zhang, Ch.
WAVE MOTION, Vol. 35, 2002, pp. 17-40.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M. H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, J. – SLADEK, V. – MANG, H. A. Meshless local boundary integral equation method for plate bending problems. In *Advances in Boundary Element Techniques II.* Geneva: Hoggar, 2001, pp. 415-424.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M. H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. Three-dimensional curved crack in an elastic body. In *International Journal of Solids and Structures*. Vol. 19, 1983, p. 425-436.

WOS citations: 1

1. Gosz, M.; Moran, B.
ENGINEERING FRACTURE MECHANICS, Vol. 69, 2002, pp. 299-319.

Citations in monographs, textbooks and other publications: 1

1. DELL'ERBA, DIEGO N. *Thermoelastic Fracture Mechanics Using Boundary Elements*. Southampton: WIT, 2002.

SLADEK, V. – SLADEK, J. Boundary integral equation method in thermoelasticity part I: General analysis. In *Applied Mathematical Modelling*. Vol. 7, 1983, pp. 241-253.

WOS citations: 4

1. Abou-Dina, M. S., Ghaleb, A. F.
JOUR. THERMAL STRESSES, Vol. 25, 2002, pp. 1-29.
2. Ezzat, M. A., El-Karamany, A. S.
JOUR. THERMAL STRESSES, Vol. 25, 2002, pp. 507-522.
3. El-Karamany; A. S., Ezzat, M. A.
INT. J. ENGN. SCI., Vol. 40, 2002, pp. 1943-1956.
4. Burczynski, T.; Dlugosz, A.
COMPUT. MECH., Vol. 28, 2002, pp. 317-324.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M. H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. Three dimensional crack analysis for an anisotropic body. In *Applied Mathematical Modelling*. Vol. 6, 1982, pp. 374-380.

WOS citations: 1

1. Ariza, M. P.; Dominguez, J.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M.H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. Transient elastodynamic three dimensional problems in cracked bodies. In *Applied Mathematical Modelling*. Vol. 8, 1984, pp. 2-10.

WOS citations: 4

1. Salvadori, A.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 1695-1719.
2. Zhang, Ch.
WAVE MOTION, Vol. 35, 2002, pp. 17-40.
3. Dineva, P.; Gross, D.; Rangelov, T.
JOUR. SOUND VIBRATION, Vol. 256, 2002, pp. 81-102.
4. Ariza, M. P., Dominguez, J.

ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651.

SLADEK, V. – SLADEK, J. Boundary integral equation method in thermoelasticity part III: Uncoupled thermoelasticity. In *Appl. Math. Modelling*. Vol. 8, 1984, pp. 413-418.

WOS citations: 1

1. Burczynski, T.; Dlugosz, A.
COMPUT. MECH., Vol. 28, 2002, pp. 317-324.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M.H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. – BALAS, J. Boundary integral formulation of crack problems. In *ZAMM*. Vol. 66, 1986, pp. 83-94.

WOS citations: 2

1. Dineva, P.; Gross, D.S.; Rangelov, T.
ENGN. FRACT. MECH., Vol. 69, 2002, 1193-1218.
2. Ariza, M.P.; Dominguez, J.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651.

SLADEK, V. – SLADEK, J. Improved computation of stresses using the boundary element method. In *Appl. Math. Modelling*. Vol. 10, 1986, pp. 249-255.

Citations in monographs, textbooks and other publications: 1

1. ALIABADI, M.H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. Non-singular boundary integral representation of potential field gradients. In *International Journal of Numerical Methods in Engineering*. Vol. 33, 1992, pp. 1181-1195.

WOS citations: 1

1. Hwang, W. S.; Hung, L. P.; Ko, Ch.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 1751-1762.

SLADEK, V. – SLADEK, J. – TANAKA, M. Regularization of hypersingular and nearly singular integrals in the potential theory and elasticity. In *International Journal of Numerical Methods in Engineering*. Vol. 36, 1993, pp. 1609-1628.

WOS citations: 4

1. Hwang, W. S.; Hung, L. P.; Ko, Ch.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 1751-1762.
2. Yang, S. A.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 905-927.
3. Ma, H.; Kamiya, N.
ENGN. ANAL. BOUND. ELEM. Vol. 26, 2002, pp. 329-339.
4. Ma, H.; Kamiya, N.
COMPUT. MECH. Vol. 29, 2002, pp. 277-288.

Citations in monographs, textbooks and other publications: 1

1. MIRANDA-VALENZUELA, J. C. – MUCI-KUCHLER, K. H. *Adaptive Meshing with Boundary Elements*. Southampton: WIT, 2002.

SLADEK, V. – SLADEK, J. Advanced thermoelastic analysis. In *Boundary Element Methods in Heat Transfer* (Wrobel, L. C. – Brebbia, C. A., eds.). London: Elsevier Appl. Sci., 1992, pp. 175-234.

Citations in monographs, textbooks and other publications: 2

1. DELL'ERBA, DIEGO N. *Thermoelastic Fracture Mechanics Using Boundary Elements*. Southampton: WIT, 2002.

- MIRANDA-VALENZUELA, J. C. – MUCI-KUCHLER, K.H. *Adaptive Meshing with Boundary Elements*. Southampton: WIT, 2002.

SLADEK, V. – SLADEK, J. – TANAKA, M. Eigenvalue analysis of three-dimensional Helmholtz equation. In *Engn. Analysis with Boundary Elements*. Vol. 11, 1993, pp. 165-170.

Citations in monographs, textbooks and other publications: 1

- WROBEL, L.C. *The boundary Element Method vol. 1 – Applications in Thermo-Fluids and Acoustics*. Chichester: Wiley, 2002.

SLADEK, V. – SLADEK, J. – TANAKA, M. Nonsingular BEM formulations for thin-walled structures and elastostatic crack problems. In *Acta Mechanica*. Vol. 99, 1993, pp. 173-190.

WOS citations: 2

- Ariza, M. P.; Dominguez, J.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651
- Zhang. Ch.
WAVE MOTION, Vol. 35, 2002, pp. 17-40

TANAKA, M. – SLADEK, V. – SLADEK, J. Regularization techniques applied to boundary element methods. In *Applied Mechanics Reviews*. Vol. 47, 1994, pp. 457-499.

WOS citations: 15

- Dong, C.; Bonnet, M.
COMPUT. MECHANICS, Vol. 28, 2002, pp. 105-121.
- Zhang. Ch.
WAVE MOTION, Vol. 35, 2002, pp. 17-40.
- Hwang, W. S.; Hung, L. P.; Ko, Ch.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 1751-1762.
- Yang, S. A.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 905-927.
- Liu, Y. J.; Fan, H.
COMPUT. METHOD APPL. MECH., Vol. 191, 2002, pp. 2297-2315.
- Vable, M.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 405-415.
- Guz, A.N.; Zozulya, V.V.
INT. APPLIED MECHANICS, Vol. 38, 2002, pp. 3-45.
- Mukherjee, S.
ENGN. ANALYSIS WITH BOUNDARY ELEMENTS, Vol. 26, 2002, pp. 839-844.
- Chen, K. H.; Chen, J. T.; Chou, C. R.; Yueh, C. Y.
ENGN. ANALYSIS WITH BOUNDARY ELEMENTS, Vol. 26, 2002, pp. 917-928.
- R.J. Marczak, G. J. Creus:
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 653-665.
- Yu, G. Y.
COMPUT. MECH., Vol. 29, 2002, pp. 191-198.
- Meriaux, C.; Lister, J. R.
JOUR. GEOPHYS RES. SOLID EARTH, Vol. 107, 2002, pp. 2077.
- E.L. Shenderov, E. L.
ACUSTICAL PHYSICS, Vol. 48, 2002, pp. 94-97.
- Ariza, M. P.; Dominguez, J.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 639-651.
- El-Karamany, A. S.; Ezzat, M. A.
INT. J. ENGN. SCI., Vol. 40, 2002, pp.1943-1956.

Citations in monographs, textbooks and other publications: 5

- ALIABADI, M. H. *The Boundary Element Method vol. 2 – Applications in Solids and Structures*. Chichester: Wiley, 2002.
- MIRANDA-VALENZUELA, J. C. – MUCI-KUCHLER, K. H. *Adaptive Meshing with Boundary Elements*. Southampton: WIT, 2002.

3. MUKHERJEE, S. The boundary contour method. In *Selected Topics in Boundary Integral Formulations for Solids and Fluids (Kompis, V., ed.)*. Wien: Springer, 2002, pp. 117- 150.
4. MUKHERJEE, S. The boundary contour method. In *Selected Topics in Boundary Integral Formulations for Solids and Fluids (Kompis, V., ed.)*. Wien: Springer, 2002, pp. 151- 179.
5. LINKOV, A. *Boundary Integral Equations in Elasticity Theory*. Dordrecht: Kluwer Academic Publisher, 2002.

SLADEK, V. – SLADEK, J. Plate bending problems using the nonsingular boundary element formulation and C1-continuous elements. In *Int. Jour. Computers and Structures*. Vol. 54, 1995, pp. 679-688.

WOS citations: 1

1. Hashemolhosseini, H.; Sadati, N.; Farzin, M.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 1781-1800.

SLADEK, V. – SLADEK, J. (eds.): *Singular Integrals in Boundary Element Methods*. Southampton & Boston: WIT, 1998.

WOS citations: 3

1. Zhang, Ch.
WAVE MOTION, Vol. 35, 2002, pp. 17-40.
2. Yang, S. A.
INT. J. NUM. METH. ENGN., Vol. 53, 2002, pp. 905-927.
3. Liu, Y. J.; Fan, H.
COMPUT. METHOD APPL. MECH., Vol. 191, 2002, pp. 2297-2315.

Citations in monographs, textbooks and other publications: 3

1. MIRANDA-VALENZUELA, J. C. – MUCI-KUCHLER, K.H. *Adaptive Meshing with Boundary Elements*. Southampton: WIT, 2002.
2. KATSIKADELIS, J. T. *Boundary Elements; Theory and Applications*. Amsterdam: Elsevier, 2002.
3. GAO, X.W. – DAVIES, T.G. *Boundary Element Programming in Mechanics*. Cambridge: Cambridge Univ. Press, 2002.

SLADEK, V. – SLADEK, J. – TANAKA, M. Evaluation of $1/r$ integrals in BEM formulations for 3-d problems using coordinate multitransformations. In *Engn. Anal. Bound. Elem.* Vol. 20, 1997, pp. 229-244.

WOS citations: 1

1. Lodopoulos, E. G.
ENGN. ANAL. BOUND. ELEM., Vol. 26, 2002, pp. 591-596.

SLADEK, V. – SLADEK, J. – TANAKA, M. Optimal transformations of the integration variables in computation of singular integrals in BEM. In *Int. J. Num. Meth. Engn.* Vol. 47, 2000, pp. 1263-1283.

WOS citations: 1

1. Johnston, P. R.; Johnston, B. A.
COMM. NUM. METH. ENGN., Vol. 18, 2002, pp. 189-194.

DRŽÍK, M. – MACHOLA, O. – LOVICH, J. – MEČIARIK, J. – TESÁR, A. Ladenie interakčného systému stolica-technológia-hala na papierenskom stroji PM-8 v SCP Ružomberok. In *Inžinierske stavby*. Vol. 41, no. 10, 1993, pp. 337-341.

Citations in monographs, textbooks and other publications: 1

1. KRÁLIK, J.– FAJNA, P. Experimentálna a numerická analýza kmitania na pohodu človeka. In *Proc. of 4th Int. Conf. THESE '02, Rajecké Teplice 2002*, ISBN 80-7100-992-X.

LALINSKÝ, T. – BURIAN, E. – DRŽÍK, M. – HAŠČÍK, Š. – MOZOLOVÁ, Ž. – KUZMÍK, J. Thermal actuation of a GaAs cantilever beam. In *Journal of Micromechanics & Microengineering*. Vol. 10, no. 2, 2000, p. 293-298.

Citations in monographs, textbooks and other publications: 1

1. HUSÁK, M. – KULHA, P. – JAKOVENKO, J. – VÝBORNÝ, Z. Structures of cantilever with implanted strain gauge. In *Proc. 35th Int. Symposium on Microelectronics (IMAPS'2002)*, Colorado 2002, ISBN 0-930815-66-1.

LALINSKÝ, T. – HAŠČÍK, Š. – MOZOLOVÁ, Ž. – DRŽÍK, M. – HATZOPOULOS, Z. Micromachined power sensor microsystem. In *Proceedings of the 9th Micromechanics Europe Workshop MME'98*, Ulvik, Norway, June 1998, p. 139-142.

Citations in monographs, textbooks and other publications: 1

1. PETRINI, I. – MULLER, A. – IORDANESCU, S. – GIACOMOZZI, F. – CONSTANTIDINIS, G. – VASILACHE, D. – AVRAMESCU, V. In *Micromachined Microwave Devices & Circuits*, Bucuresti, Academeii Romane, 2002.

JUHÁSOVÁ, E. – SOFRONIE, R. – CONTRI, P. Real time testing of reinforced infills. In *Proceedings of 12WCEE*, Auckland 27th Jan. –3rd Feb. 2000. CD ROM, p. 0921/1-8.

Citations in monographs, textbooks and other publications: 1

1. KRSTEVSKA, L. Development and application of non-linear micro-models for evaluation of seismic behaviour of rc frames infilled with plain and reinforced masonry. In *IEEEES University KM Skopje, January 2002*.

SEVERN, R. – JUHÁSOVÁ, E. – CONTRI, P. – SOFRONIE, R. *Euroquake – The First Annual Report*. Bristol University, October 1998.

Citations in monographs, textbooks and other publications: 1

1. KRSTEVSKA, L. Development and application of non-linear micro-models for evaluation of seismic behaviour of rc frames infilled with plain and reinforced masonry. In *IEEEES University KM Skopje, January 2002*.

BENČAT, J. – JUHÁSOVÁ, E. – PODHORSKÝ, P. – PUBAL, J. *Správa o výsledkoch dynamickej skúšky vodojemu Draňov*. SvF ŽU Žilina, 2000.

Citations in monographs, textbooks and other publications: 1

1. Kolcun, Š; Krištofovič, V. PROJEKT A STAVBA, Vol. 3, 2002, s. 33-36.

JUHÁSOVÁ, E. Induced vibrations from the transport on Bratislava SNP Bridge. In *Proceedings of the TESE '91 Conference, Low Tatras, Jasná, April 1991*. DT ČSVTS Žilina 1991. p. 285-292.

Citations in monographs, textbooks and other publications: 1

1. JUHÁS, P. – ROTH, O. Experimentálne overovanie únavovej životnosti konštrukčných ocelí s 380. In *VII. vedecká konferencia SvF TU Košice, 8. sekcia*. SvF TU Košice, 2002, p. 79-84.

JUHÁSOVÁ, E. *Pôsobenie seizmických pohybov na stavebné konštrukcie*. VEDA, Bratislava 1985.

Citations in monographs, textbooks and other publications: 10

1. KRÁLIK, J. Problémy riešenia interakcie konštrukcia – podložie v systéme ANSYS. In *Proc. 10th ANSYS User's Meeting, 24-27.září 2002, Čejkovice*. Brno: SVS FEM, 2002. p. 1-B-8/1-6.
2. KRÁLIK, J. Safety analysis of nuclear power plant structures in Slovakia. In *Proc. 1st Meeting for the ISP 48, NEA/SEN/SIN/IAGE(2002)6*, Sweden. Stockholm: SKI, 2002. JT00132174
3. KRÁLIK, J; ŠIMONOVICH, M. Dynamic analysis of foundation plate and soil interaction using finite and infinite soil elements. In *Proc. 12th ECEE London 9-13 Sept. 2002*. Amsterdam: Elsevier, 2002. Paper 768. p. 1-10.
4. ŠIMONOVICH, M; KRÁLIK, J. Utilisation of space infinite elements in the soil dynamics. In *VII. vedecká medzinárodná konferencia SvF TU Košice, Medzev 22.-24.5.2002, 9. sekcia*. Košice: SvF TU, 2002. p. 288-291.
5. KRÁLIK, J; FAJNA, P. Non-linear analysis of dynamic soil-structure interaction. In *VII. vedecká medzinárodná konferencia SvF TU Košice, Medzev 22.-24.5.2002, 9. sekcia*. Košice:

- SvF TU, 2002. p. 144-147.
6. KRÁLIK, J. Increased safety and reliability of npp in slovakia after year 2000. *VII. vedecká medzinárodná konferencia SvF TU Košice, Medzev 22.-24.5.2002, 9. sekcia*. Košice: SvF TU, 2002. p. 140-143.
 7. KRÁLIK, J; FAJNA, P. Experimentálna a numerická analýza vplyvu kmitania na pohodu človeka. In *Proc. of the IV.International Conference TESE '02, Traffic Effects on Structures and Enironment, Rajecké Teplice 2002*. ISBN 80-7100-992-X, pp.101-106.
 8. KRÁLIK, J. Safety and reliablity of nuclear power plants in Slovakia. In KRÁLIK J. (Ed.) *New Trends in Statics and Dynamics of Buildings.Bratislava, 24.-25.10.2002*. Bratislava: CEF SUT 2002. ISBN 80-227-1790-8. p. 223-228.
 9. ŠIMONOVÍČ, M; KRÁLIK, J. The infinite elements in the soil dynamics. In KRÁLIK, J. (Ed.) *New Trends in Statics and Dynamics of Buildings.Bratislava, 24.-25.10.2002*. Bratislava: CEF SUT 2002. ISBN 80-227-1790-8. p. 279-282.
 10. ŠOLTÉSZ, J. Príspevok k navrhovaniu železobetónových konštrukcií s uvažovaním seizmických účinkov. *EVP Z.3. SvF STU*, Bratislava: SvF STU, 2002. 68 s. ISBN 80-227-1772-X.

JUHÁSOVÁ, E. – VRABEC, M. Analýza dynamického vetrového zaťaženia stožiarov vysokého napätia. *Inžinierske stavby*. Vol. 42, no. 7, 1994, p. 222-227.

Citations in monographs, textbooks and other publications: 1

1. KRIŠTOFOVIČ, V; KOTRASOVÁ, K.
Nelineárna dynamická analýza účinkov nárazov vetra na kotvené stožiare. In *VII. vedecká medzinárodná konferencia SvF TU Košice, Medzev 22.-24.5.2002, 9. sekcia*. Košice: SvF TU, 2002. p.152-157.

JUHÁSOVÁ, E. Nové trendy v seizmickom navrhovaní a výpočtoch konštrukcií. In *Zborník z konferencie s medzinárodnou účasťou Staticko-konštrukčné a stavebno-fyzikálne problémy stenových sústav, Tatranská Lomnica, 24.-26.11.1999*, Košice: Cpress DT ZSVTS. p. 11-19.

Citations in monographs, textbooks and other publications: 1

1. MELCER, J.
Technical seismicity around bridge structures. In KRÁLIK J. (Ed.) *New Trends in Statics and Dynamics of Buildings.Bratislava, 24.-25.10.2002*. Bratislava: CEF SUT 2002. ISBN 80-227-1790-8. p. 209-212.

JUHÁSOVÁ, E. Analýza priečneho kmitania železobetónových montovaných valcových komínov od účinkov vetra. In *Zborník z konferencie Zataženie vetrom stavebných a dopravných konštrukcií. Žilina*, Žilina: Dom techniky ČSVTS, 1985. s. 77-85

Citations in monographs, textbooks and other publications: 1

1. KRIŠTOFOVIČ, V.
Nelineárne výpočty priečne kmitajúcich kotvených stožiarov. In KRÁLIK J. (Ed.) *New Trends in Statics and Dynamics of Buildings.Bratislava, 24.-25.10.2002*. Bratislava: CEF SUT 2002. ISBN 80-227-1790-8. p. 217-222.

JUHÁSOVÁ, E. *Seismic Effects on Structures*. Amsterdam, Oxford, New York, Tokyo: Elsevier, 1991. 344 p.

Citations in monographs, textbooks and other publications: 8

1. KRÁLIK, J; JAVOREK, T. Dynamická analýza vplyvu vetra a zemetrasenia na výškové budovy. In *VII. vedecká medzinárodná konferencia SvF TU Košice, Medzev 22.-24.5.2002, 9. sekcia*. Košice: SvF TU, 2002. p. 136-139.
2. KRÁLIK, J. Efficiency of building isolation from transport vibration by barriers. In *Proc. of the IV.International Conference TESE '02, Traffic Effects on Structures and Enironment, Rajecké Teplice 2002*. ISBN 80-7100-992-X, pp. 23-28.
3. KRÁLIK, J; PONEK, T; JAVOREK, T. Simulácia účinkov horizontálnych zaťažení na výškové budovy. In *Proc. 10th ANSYS User's Meeting, 24-27.září 2002, Čejkovice*. Brno: SVS FEM, 2002. p. 1-B-9/1-6.
4. KRÁLIK, J; MARTON, P; JAVOREK, T. Navrhovanie montovaných konštrukcií v seizmických

- oblastiach. In *Proc. 10th ANSYS User's Meeting, 24-27.září 2002, Čejkovice*. Brno: SVS FEM, 2002. p. 1-B-15/1-6.
5. KRÁLÍK, J; JAVOREK, T. Seismic analysis of reinforced – concrete highrise buildings bearing systems. In *Proc. of the International Symposium on "Mechanics of Composites", October 14, 2002, Prague, Czech Republic*, Prague: Klokner Institute CTU, 2002. pp.85-90, ISBN 80-01-02621-3.
 6. KRÁLÍK, J. Building isolation from damage vibration of environs. In *Zborník z konf. s medzin. účasťou: Staticko-konštrukčné a stavebno-fyzikálne problémy stavebných konštrukcií, Tatranská Lomnica 27.-29.11.2002*. Košice: Cpress Dom techniky ZSVTS, 2002. p. 151-156.
 7. KRÁLÍK, J; JAVOREK, T. Riešenie detailov montovaných konštrukcií. In *Zborník z konf. s medzin. účasťou: Staticko-konštrukčné a stavebno-fyzikálne problémy stavebných konštrukcií, Tatranská Lomnica 27.-29.11.2002*. Košice: Cpress Dom techniky ZSVTS, 2002. p. 175-178.
 8. KRÁLÍK, J. Problémy seizmickej odolnosti podzemných konštrukcií. In *Zborník z konf. s medzin. účasťou: Staticko-konštrukčné a stavebno-fyzikálne problémy stavebných konštrukcií, Tatranská Lomnica 27.-29.11.2002*. Košice: Cpress Dom techniky ZSVTS, 2002. p. 157-162.
- TESÁR, A. Shear lag in the behaviour of thinwalled box bridges. In *Computers and Structures*, Vol. 59, 1996, p. 607-612.
- WOS citations: 1*
1. Prokic, A.
COMPUT STRUCT 2002, 80 (11), pp 1011-1024.
- TESÁR, A – FILLO, L. Transfer Matrix Method, Kluwer Academic Publishers, Dordrecht, Netherlands, 1988
- WOS citations: 1*
1. Fan, S.Q., – Barber, J.R.
INT J HEAT MASS TRAN 2002, 45 (5), pp. 1155-1158.
- TESÁR, A. – DRŽÍK, M. Genetic algorithms for dynamic tuning of structures. In *Computers and Structures*. Vol. 57, no. 2, 1995, p. 287-295.
- WOS citations: 1*
1. Kuo LY; Yen JY
P I MECH ENG B-J ENG 2002, 216 (3), pp. 429-438.
- HANEČKA, K. – JERGA, J. – KRIŽMA, M. Characteristics of stress-strain relationship of Concrete in Compression. In *Building Research Journal*. vol. 48, no. 3, 2000, p. 175-186.
- Citations in monographs, textbooks and other publications: 1*
1. Králik, J.
Mechanics-of-Composites, 2002, Prague, 2002, P91.
- KRIŽMA, M. – NÜRNBERGEROVÁ, T. Deformation Work of SC Beams under Long-Term Load. Quality and Reliability in Building Industry. In *Proceedings of II International Scientific Conference. Levoča, 24. - 26. 10. 2001*, p. 312-319. SvF TU Košice, október 2001.
- Citations in monographs, textbooks and other publications: 1*
1. Králik, J.
INŽINIERSKE STAVBY 2002, Vol 50, Iss 3, pp. 19-25.
- HÁJEK, J. – FECKO, L. – NÜRNBERGEROVÁ, T. Pretvorenia železobetónových dosiek ohýbaných v dvoch smeroch pri dlhodobom zaťažení. In *Správa VÚ III-3-4/01.1, ÚSTARCH SAV, Bratislava*, 1983.
- Citations in monographs, textbooks and other publications: 2*
1. Králik, J.
Mechanics-of-Composites, 2002, Prague, 2002, P91.
 2. Králik, J.
INŽINIERSKE STAVBY 2002, Vol 50, Iss 3, pp. 24-30.

SADOVSKÝ, Z. Influence of skewness on reliability verification and safety factors. In *Basis of Design and Actions on Structures, Background and application of Eurocode 1*. IABSE Colloquium Delft 1996, Eds. H. Gulvanessian et al., Delft Univ. 1996, p. 291-300.

Citations in monographs, textbooks and other publications: 1

1. Mrázik, A.

PROJEKT A STAVBA 2002, Vol 4, Iss 2, p. 23-25, 29.

SADOVSKÝ Z. – DRDÁČKÝ M. Buckling of plate strip subjected to localized corrosion – a stochastic approach. In *Thin-Walled Structures*, Vol. 39, No. 3, 2001, p. 247-259.

Citations in monographs, textbooks and other publications: 1

1. Mrázik, A.

PROJEKT A STAVBA 2002, Vol 4, Iss 2, p. 23-25, 29.

SADOVSKÝ, Z. Constant probability design values – A structural reliability design concept. In *Journal of Struct. Engineering (Special issue on reliability-based design of structures)*, Vol. 25, No 1, 1998, p. 31-36.

Citations in monographs, textbooks and other publications: 1

1. Kala, Z.

ROZPRÁVY INŽYNIERII, Z 2, 2002, p. 59-70, ISSN 1505-8425.

SADOVSKÝ Z. – PÁLEŠ D. Porovnanie citlivostných analýz a overovanie ich aplikácie pri vzpere prúta. In *Spolehlivost konstrukcí Ostrava 21.3.2001*, Dům techniky Ostrava 2001, s. 65-69.

Citations in monographs, textbooks and other publications: 1

1. Pelikán J.

KONF. SPOLEHLIVOST KONSTRUKCÍ, Dům Techniky OSTRAVA 2002, s. 93-98.

MRÁZIK, A. – SADOVSKÝ, Z. *Katalóg štatistických údajov o medzi klzu, pevnosti v ťahu a ťažnosti oceľí. Vol. 4 (obdobie 1983-1988)*. ÚSTARCH SAV, BRATISLAVA 1992

Citations in monographs, textbooks and other publications: 3

1. Kala, Z. – Kala, J.

FIFTH WORLD CONGRESS ON COMPUTATIONAL MECHANICS, EDS H. A. MANG – F. G. RAMMERSTORFER – J. EBERHARDSTEINER Univ of Technology Vienna 2002, ISBN 3-9501554-0-6, p. 1-8.

2. Fajkus, M. – Melcher, J. – Holický, M. – Rozlívka, L. – Kala, Z.

PROC 3RD EUROPEAN INT COLLOQ EUROSTEEL, Coimbra 2002, ISBN-972-98376-3-5, p. 1541-1550.

3. Kala, Z. – Kala, J.

INT COLLOQ STABILITY AND DUCTILITY OF STEEL STRUCTURES. TU BUDAPEST 2002, ISBN 963 05 7950 2, p. 104-110.

SADOVSKÝ, Z. – PÁLEŠ, D. Odolnosť I-prierezu pri štatistickej závislosti medzi hrúbkou pása a medzou klzu materiálu. In *26. Aktív pracovníkov odboru OK: Kovové konštrukcie a mosty*. Rajecké Teplice. Ed. M. Hric, Univ. Žilina 2000, s. 61-64.

Citations in monographs, textbooks and other publications: 1

1. Fajkus, M. – Melcher, J. – Holický, M. – Rozlívka, L. – Kala, Z.

PROC 3RD EUROPEAN INT COLLOQ EUROSTEEL, Coimbra 2002, ISBN-972-98376-3-5, p. 1541-1550.

BÁGEL, L. Strength and pore structure of ternary blended cement mortars containing blast furnace slag and silica fume. *CEMENT AND CONCRETE RESEARCH*, 1998, 28, 7, 1011-1020.

Citácie z WOS: 1

1. Chung, DDL.

J. MATER. SCI, 2002, Vol. 37, p.673.

BÁGEL, L. – ŽIVICA, V. Relationship between pore structure and permeability of hardened cement mortars. On the choice of effective pore structure parameter. *CEMENT AND CONCRETE RESEARCH*, 1997, 27, 8, 1225-1235.

WOS citations: 1

1. Mosquera, MJ; Benitez, D; Perry, SH.
CEM. CONC. RES., 2002, Vol. 32, p.1883.

JANOTKA, I. – MADEJOVÁ, J. – ŠTEVULA, L. – FRŤALOVÁ, D. M. Behaviour of Ca(OH)₂ in the presence of the set styrene-acrylate dispersion. *Cement and Concrete Research*, 1996, vol. 26, no. 11, p. 1 727.

WOS citations: 1

1. Silva DA; Roman HR; Gleize PJP.
CEM. CONCR. RES. 2002, Vol. 32, p. 1 383.

ŽIVICA, V. – SZABO, V. The behaviour of cement composite under compression load at sulphate attack, *CEMENT AND CONCRETE RESEARCH*, 1994, 14, 8, 1475-1484.

WOS citations: 1

1. Miao, CW; Mu, R; Tian, Q.
CEMENT CONCRETE RES., 2002, Vol. 32, p.31-34.

KRAJCI, L. – JANOTKA, I. Measurement techniques for rapid assessment of carbonation in concrete. *ACI Materials Journal*, 2001, vol. 98, no. 1, p. 88.

WOS citations: 1

1. Latterini, L.; Elisei, F.; Aloisi, G. G.; Constantino, U.; Nocchetti, M.
PHYS. CHEM. CHEM. PHYS., 2002, Vol. 4, p. 2 792.

JANOTKA, I. – KRAJČI, L. An experimental study on the upgrade of sulfoaluminate-belite systems by blending with Portland cement. *Advances in Cement Research*, 1999, vol. 11, no. 1, p. 35.

WOS citations: 1

1. Ray, A
PURE APPL. CHEM., 2002, Vol. 74, p. 3 131

ŽIVICA, V. Improved method of electrical resistance – a suitable technique for checking of the state of concrete reinforcement. *MATERIAL STRUCT.*, vol. 18, 1995, p. 115.

Citations in monographs, textbooks and other publications: 3

1. Drochytka, R.; Vaněrek, J.
ZBORNÍK PREDNÁŠOK BETONÁRSKE DNI, 2002, p. 353.
2. Krajčí, L.
ZBORNÍK CEMENT 2002, P. S-1.
3. Krajčí, L.
PROC. OF CONF. TRADITIONAL CEMENT AND CONCRETES, Brno 2002, p. 481.

KRAJČI, L. – JANOTKA, I. Assessment of carbonation in concrete by pH and reinforcement corrosion. *Proceedings of the 4-th CANMET/ACI International Conference on Durability of Concrete*, 1997, Sydney, Australia, p. 147)

Citations in monographs, textbooks and other publications: 1

1. Jerga, J.
BUILD. RES. J., 2002, Vol. 50, p. 1.

ŽIVICA, V. – JANOTKA, I. Behaviour of hydrated β -C₂S in some aggressive media. *World Cement*, 1997, vol. 28, p. 77.

Citations in monographs, textbooks and other publications: 1

1. Krajčí, L.
ZBORNÍK Z KONFERENCIE CEMENT 2002, Stará Lesná, Slovensko, p. S-1.

ŽIVICA, V. – JANOTKA, I. Chemical resistance of sulfoaluminate belite cement based materials. *Building Research Journal*, 1999, vol. 47, no. 2, p. 117.

Citations in monographs, textbooks and other publications: 1

1. Krajčí, E.

ZBORNÍK Z KONFERENCIE CEMENT 2002, Stará Lesná, Slovensko, p. S-1.

DARULA, S. – KAMBEZIDIS, HD – KITTLER, R. Daylight levels during the solar eclipse of 11 August 1999. In *Meteorology and Atmospheric Physics* Vol 76 (3-4), 2001, pp. 251-256.

WOS citations: 2

1. Penaloza-Murillo MA

EARTH MOON PLANETS, Vol. 91(3), 2002, pp. 125-159.

2. Syalowski K.

J ATMOS SOL-TERR PHY, Vol. 64(15), 2002, pp. 1589-1600.

KITTLER, R. Rozloženie jasu na bezoblačnej oblohe podľa meraní a teoretických vzťahov. In. *Meteorologické zprávy*, Vol. 15, no.2, 1962, p. 34 - 35.

Citations in monographs, textbooks and other publications: 1

1. Darula S; Kocifaj M,

KURZ OSVĚTLOVACI TECHNIKY, VŠB-TU Ostrava 2002, p. 19.

KITTLER, R. – KITTLEROVA, L. In *Navrh a hodnotenie denného osvetlenia*. ALFA Bratislava, 1975, pp. 248.

Citations in monographs, textbooks and other publications: 4

1. Darula, S; Rybár, P; Kocifaj, M.

PROC. 5th INT. CONF. SVĚTLO, Brno, ČSO a VŠB-TU Ostrava 2002, p. 28.

2. Juklová, M.

PROC. 5th INT. CONF. SVĚTLO, Brno, ČSO a VŠB-TU Ostrava 2002, p. 71

3. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOVOV, ERKA Brno 2002, p. 271.

4. Darula, S.

PROC. 13. CONF. VNÚTORNÁ KLÍMA BUDOVOV, SSTP ZSVTS Bratislava 2002, p. 50.

KITTLER, R. Okno ako architektonický prvok a energetický problém. In *Architektura a urbanizmus*. Vol. 14, no. 3, 1980, p. 161-172.

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOVOV, ERKA Brno 2002, p. 271.

KITTLER, R. - MIKLER, J. Podklady pre určovanie svetelnej klímy v stavebných súboroch. In *Záverečná správa, USTARCH-SAV*. Bratislava, 1980.

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOVOV, ERKA Brno 2002, p. 271.

KITTLER, R. QUICLITE 1.0 Program for daylighting on obstructed sites. In *Lighting Design and Application*. Vol. 12, no. 3, 1982, p. 25-28.

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOVOV, ERKA Brno 2002, p. 271.

KITTLER, R. Luminance distribution characteristics of homogeneous skies: a measurement and prediction strategy. In. *Lighting Res. Technology*, Vol. 17, no. 4, 1985, p. 183.

Citations in monographs, textbooks and other publications: 4

1. Darula S; Kocifaj M.

KURZ OSVĚTLOVACI TECHNIKY, VŠB-TU Ostrava 2002, p. 19.

2. Igawa N; Nakamura H; Maatsuura K.

<http://www.hvac.okstate.edu/pdfs/bs99/papers/PB-01.pdf>, 2002

3. Hitchcock R; Carroll B.

<http://eande.lbl.gov/Task21/C2/algo1/1-32.html>, 2002

4. Cucumo M.; Kaliakatsos D.; Marinelli V.; Vivacqua M.D.
[http://wire0.ises.org/wire/doclibs/EuroSun96.nsf/id/2517A4E7BCAF13BCC12565E600373A3C/\\$File/paper.pdf](http://wire0.ises.org/wire/doclibs/EuroSun96.nsf/id/2517A4E7BCAF13BCC12565E600373A3C/$File/paper.pdf), 2002

KITTLER, R. Luminance models of homogeneous skies for design and energy performance predictions. In *Proc. 2nd Daylight. Conf.*, Long Beach 1986, p. 29-34.

WOS citations: 1

1. Fontoynt M.
SOLAR ENERGY 2002, Vol. 73, no. 2, p. 93.

KITTLER, R. – MIKLER, J. Základy využívania slnečného žiarenia, VEDA Bratislava 1986, pp. 148.
Citations in monographs, textbooks and other publications: 2

1. Hofierka J; Juri, M.
PROC. CONF. OF THE OPEN SOURCE GIS GRASS USERS 2002. TENTO, CD ROM.
2. Darula, S.
PROC. KONF. ENERGOBUDOV. BUDOWNICTWO ENERGOOSZCZEDNE ZAKOPANE, ASTERIAS Sp. 2002, p. 69.

KITTLER, R. – PULPITLOVÁ, J. Základy využívania prírodného svetla. VEDA SAV Bratislava 1988, pp. 141.

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.
DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOV, ERKA Brno 2002, p. 271.

KITTLER, R. – HAYMAN, S. – RUCK, N. – JULIAN W. Daylight measurement data: Methods of evaluation and representation. In *Lighting-Res-Technol*-Vol. 24, no. 4, 1992, p. 173-187.

WOS citations: 1

1. ALSHAIBANI, K.
RENEWABLE ENERGY 2002, Vol. 27, Iss. 2, p. 317.

KITTLER, R. – DARULA, S. Occurrence frequency of radiation conditions after minute irradiance measurements. In *Building research journal*, Vol. 44, no. 2, 1996, p.135-149.

Citations in monographs, textbooks and other publications: 1

1. Hraška J; Straňák Z.
PROC. 2th CONF. IBPSA-CZ SIMULACE BUDOV A TECHNIKY PROSTŘEDÍ, IBPSA-CZ Praha 2002, p. 40.

KITTLER, R. – PEREZ, R. – DARULA, S. A new generation of sky standards. In *Proc Lux Europa Conf.* Amsterdam 1997, p. 359

Citations in monographs, textbooks and other publications: 2

1. Danny HW; LI KAM JC.
ARCH. SCIENCE REW. 2002, Vol. 45, no. 1, p. 30.
2. Greenup P; EDMONDS I.
INTERNATIONAL DAYLIGHTING 2002, Vol. 4, april, p. 16.

KITTLER, R. – DARULA, S. – PEREZ, R. A set of standard skies characterizing daylight conditions for computer and energy conscious design. In *FIN. REP. of project US-SK 92052*, ICA SAS Bratislava 1998, pp. 240.

WOS citations: 2

1. Ruiz E; Soler A; Roblero L.
ENERGY CONVERSION AND MANAGEM. 2002, Vol. 43, Iss 5, p. 693.
2. Soler A; Gopinathan KK.
ENERGY CONVERSION AND MANAGEM 2002, Vol. 43, Iss 16, p. 2145.

Citations in monographs, textbooks and other publications: 1

1. Igawa N; Nakamura H; Matsuura K.
<http://www.hvac.okstate.edu/pdfs/bs99/papers/PB-01.pdf-2002>

KITTLER, R. – DARULA, S. – PEREZ, R. A Set of Standard Skies Polygrafia SAV-Bratislava, 1998, pp. 52.

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOV, ERKA Brno 2002, p. 271.

KITTLER, R. – DARULA, S. Linking sunlight with skylight by sky types and luminous turbidity. In *Build. Res. J.* Vol. 46, no. 3, 1998, p. 173-188.

Citations in monographs, textbooks and other publications: 1

1. Kambezidis HD; Oikonomou T; Zevgolis D.

LIGHT. RES. TECHNOL. 2002, Vol. 34, no. 4, p. 309.

DARULA, S. – KITTLER, R. Prispievok k standardizácii denneho svetla v exterieri. In *Proc. Conf. Svetelna technika.* DT-BRATISLAVA, 1998, p. 78-86

Citations in monographs, textbooks and other publications: 1

1. Rybár, P; Šesták, F; Juklová, M; Hraška, J; Vaverka, J.

DENNÍ OSVĚTLENÍ A OSLUNENÍ BUDOV, ERKA Brno 2002, p. 271.

KITTLER, R. – DARULA, S. Parametrisation problems of the very bright cloudy sky conditions. In *Solar Energy*, V62, no. 2, 1998, p. 93-100.

WOS citations: 1

1. Li DHW; Lam JC.

RENEWABLE ENERGY 2002, Vol. 25, no. 1, p. 1.

DARULA, S. – KITTLER, R. A catalogue of fifteen sky luminance patterns between the CIE standard skies. In *PROC. CONF. 24TH SESSION CIE, Warsaw*, CIE Pub. No.133, Vol. 1, Part. 2, 1999, p. 7-9.

Citations in monographs, textbooks and other publications: 1

1. Kambezidis HD; Oikonomou T; Zevgolis D.

LIGHT. RES. TECHNOL. 2002, Vol. 34, no. 4, p. 309.

ROY, G. G. – KITTLER, R. – HAYMAN, S. – JULIAN, W. A comparison of real Sydney skies with models. In *Lighting Res, Technol*, Vol. 32, Iss 2, 2000, p. 71-78.

Citations in monographs, textbooks and other publications: 2

1. Darula S; Kocifaj M.

KURZ OSVĚTLOVACI TECHNIKY 2002, TU Ostrava, p. 19.

2. Kocifaj M; Darula S.

METEOROLOGICKÉ ZPRÁVY 2002, Vol. 55, no. 4, p. 110.

ŠPANKO, J. – DARULA, S. Regulácia svetelných pútačov. In *PROC. 12th INT. CONF. SVETLO*, : Slovenská svetelnotechnická spoločnosť Bratislava 2001, pp. 185 – 187.

Citations in monographs, textbooks and other publications: 1

1. Smola A.

OSVETĽOVACIA TECHNIKA 2002, Vol. 5, no. 1, p. 14.

DARULA, S. – KITTLER, R. Is the distribution of the CIE Overcast Sky significant for daylighting design? In *PROC. 12th INT. CONF. SVETLO*, Slovenská svetelnotechnická spoločnosť Bratislava 2001, pp. 25 – 31.

Citations in monographs, textbooks and other publications: 1

1. Smola A.

OSVETĽOVACIA TECHNIKA 2002, Vol. 5, no. 1, p. 14.

KITTLER, R. Standardisation of outdoor conditions for the calculation of the Daylight Factor with clear skies. In *PROC SUNLIGHT IN BUILDINGS*, Bouwcentrum Rotterdam 1967, p. 273-286.

Citations in monographs, textbooks and other publications: 2

1. Igawa N; Nakamura H; Matsuura K.

<http://www.hvac.okstate.edu/pdfs/bs99/papers/PB-01.pdf>, 2002

2. Cucumo M.; Kaliakatsos D.; Marinelli V.; Vivacqua M.D.
[http://wire0.ises.org/wire/doclibs/EuroSun96.nsf/id/2517A4E7BCAF13BCC12565E600373A3C/\\$File/paper.pdf](http://wire0.ises.org/wire/doclibs/EuroSun96.nsf/id/2517A4E7BCAF13BCC12565E600373A3C/$File/paper.pdf), 2002

KORONTHÁLYOVÁ, O. – MATIAŠOVSKÝ, P. Thermal conductivity of calcium silicate insulation boards. In *Building Research Journal*. Vol. 50, no 3-4, 2002, p. 289-305.

Citations in monographs, textbooks and other publications: 1

1. Boháč, V.; Kubičár, Ľ.; Vretenár, V.
PROCEEDINGS OF THERMOPHYSICS, 2002, CPU Nitra, p. 91.

KORONTHÁLYOVÁ, O. Moisture Dependence of the Thermal Conductivity of Silcal 250. In *Oral Presentation at The Third Working Seminar of the Project G5RD-CT-2000-00197*. IA PAN Lublin, Poland, 2001.

Citations in monographs, textbooks and other publications: 1

1. Sladek, V.; Sladek, J.
BUILDING RESEARCH JOURNAL, 2002, Vol. 50, p. 262.

HANEČKA, K. – KORONTHÁLYOVÁ, O. – MATIAŠOVSKÝ, P. The Carbonatation of Autoclaved Aerated Concrete. In *Cement and Concrete Research*. Vol. 27, 1997, p. 589-599.

Citations in monographs, textbooks and other publications: 1

1. Jerga, J.
BUILDING RESEARCH JOURNAL, 2002, Vol. 50, p. 1.

MATIAŠOVSKÝ, P. – KORONTHÁLYOVÁ, O. Test2. Transient 1D Water Intake until Reaching the Whole Volume of the Specimen, In www.sbi.dk/cibw40/TG1 Material Characterization and Hygrothermal Property Benchmarking, 2001.

Citations in monographs, textbooks and other publications: 1

1. De Place Hansen, EJ; Hansen, M. H.
PROCEEDINGS OF THE 6TH-SYMPIOSIUM ON BUILDING PHYSICS IN NORDIC COUNTRIES, Norwegian University of Science and Technology, Trondheim, 2002. p. 387.

KORONTHÁLYOVÁ, O. – MATIAŠOVSKÝ, P. Factors Influencing the Correctness of the Heat – Moisture Transfer Modelling in Capillary – Porous Media. In *Research Report Inst. of Constr. and Arch. SAS*, 2000.

Citations in monographs, textbooks and other publications: 1

1. VALA, J. On the Evolution of Heat and Moisture in Building Materials. In *Proceedings of Algoritmy*, 2002, p.147.

DULLA, M. Architektur der Slowakei heute. Architektúra Slovenska dnes. (Katalóg výstavy) Bratislava – Berlín, SAS, Slowakisches Institut, 2002.

Citations in monographs, textbooks and other publications: 2

1. VAŠKO, I. XXI. svetový kongres architektúry Berlín 2002. *Projekt*, vol.44, 2002, no.4, p.10-15.
2. ŽALMAN, P. Spomienky na UIA Berlin 2002. *Fórum architektúry*, vol. 12, 2002, no. 10, p. 6.

DULLA, M. (spolupráca H. H. Moravčíková a B. Hochel) Vojenské cintoríny v západnej Haliči. Dušan Jurkovič 1916/1917. *Sprievodca*. Bratislava, VŠVU 2002. 139.

Citations in monographs, textbooks and other publications: 1

1. KRIVOŠOVÁ, J. Vojenské cintoríny v západnej Haliči. *Projekt* vol. 44, 2002, no. 5, p. 35-36.

DULLA, M. Poznámky k NBS. *Arch o architektúre a inej kultúre*, vol. 6, 2001, no. 12, p. 27.

Citations in monographs, textbooks and other publications: 1

1. KOPECKÁ, H. *Arch 2002*. Katalóg Ceny časopisu *Arch o architektúre a inej kultúre*. Bratislava, Archpress 2002.

DULLA, M. Between Heaven and Underground. Chatam Sofer Mausoleum in Bratislava. (Medzi nebom a podzemím. Mauzóleum Chatama Sofera v Bratislave.) Arch o architektúre a inej kultúre, vol. 5, 2000, no. 2, p. 22-24.

Citations in monographs, textbooks and other publications: 1

1. MORAVČÍKOVÁ, H. Martin Kvasnica Chatam Sofer Gedänkstätte in Bratislava, Slovakia. Erinnerung an die Jeschiwa zu Pressburg. Architektur aktuell, 2002, no. 9, p. 120-127.

DULLA, M. – MORAVČÍKOVÁ, H. H. Architektúra Slovenska v 20. storočí. Bratislava, Slovart 2002. 512 p.

Citations in monographs, textbooks and other publications: 1

1. KOPECKÁ, H. Architektúra Slovenska v 20. storočí. Arch o architektúre a inej kultúre, vol. 7, 2002, no. 10, p. 10.

MORAVČÍKOVÁ, H. Obdach für gewöhnliche und festliche Tage. Architektur aktuell 2001, no. 3, p. 84-91.

Citations in monographs, textbooks and other publications: 1

1. STOLIČNÁ, E. Kuchyňa Židovskej náboženskej obce. Era (Brno), vo. 2, 2002, no. 3, p. 13.

MORAVČÍKOVÁ, H. Projektovanie veľvyslanectiev v rozpätí tridsiatich rokov. Arch o architektúre a inej kultúre, vol. 7, 2002, no. 4, p. 23-28.

Citations in monographs, textbooks and other publications: 1

1. DULLA, M. Nesymbolická reprezentujúca architektúra. Projekt, vol. 44, 2002, no. 2, p. 6.

MORAVČÍKOVÁ, H. Nad výsledkami súťaže na budovu novej radnice pre bratislavské Staré Mesto. Arch o architektúre a inej kultúre vol. 3, 1998, no. 9-10, p. 4-5.

Citations in monographs, textbooks and other publications: 1

1. BOGÁR, M. Dom ako nová génová informácia. Projekt, vol. 44, 2002, no. 3, p. 7.

MORAVČÍKOVÁ, H. Národná banka cez slová ôsmich účastníkov a účastníčok diskusie s autormi diela. Arch o architektúre a inej kultúre vol. 6, 2001, no. 12, p. 9.

Citations in monographs, textbooks and other publications: 1

1. BOGÁR, M. Dom ako nová génová informácia. Projekt, vol. 44, 2002, no. 3, p. 2.

Architekturtag 2002. Ed. F. KONECNY, W. ZSCHOKKE, H. MORAVČÍKOVÁ. Wien, ÖGFA 2002, 23 p.

Citations in monographs, textbooks and other publications: 3

1. TÓTHOVÁ, V. Dni architektúry 2002. Forum architektúry vol. 12, 2002, no. 11, p. 12-13.
2. LICHVÁROVÁ, M. Dni architektúry 2002. Forum architektúry vol. 12, 2002, no. 11, p. 4.
3. LUCIAKOVÁ, K. Otvorená architektúra. Arch o architektúre a inej kultúre vol. 7, 2002, no. 10, p. 15-16.

DULLA, M. – MORAVČÍKOVÁ, H. H.: Kto je kto v architektúre na Slovensku. Bratislava, Meritum 1995. 189 p.

Citations in monographs, textbooks and other publications: 1

1. Slovník českých a slov. výtvarných umělců. Ostrava, Výtvarné centrum Chagall 2002, p. 320.

DULLA, M. Neskorý modernizmus a postmodernizmus v slovenskej architektúre. Výtvarný život, vol. 35, 1990, p. 7.

Citations in monographs, textbooks and other publications: 1

1. Slovník českých a slov. výtvarných umělců. Ostrava, Výtvarné centrum Chagall 2002, p. 340.

DULLA, M. Obchodný dom Ružinov v Bratislave. Prvá lastovička nových prístupov? Projekt, vol. 27, 1985, no. 3, p. 14-16.

Citations in monographs, textbooks and other publications: 1

1. KUSÁ, A. Príspevok k situácii v architektúre. In Slovenské vizuálne umenie 1970 – 1985. Bratislava, SNG 2002. p. 31-45.

ZALČÍK, T. – DULLA, M. Slovenská architektúra 1976 – 1980. Bratislava, Veda 1982.

Citations in monographs, textbooks and other publications: 1

1. KUSÁ, A. Príspevok k situácii v architektúre. In: Slovenské vizuálne umenie 1970 – 1985. Bratislava, SNG 2002. p. 31-45.

Addendum to year 2001

BAHNA, J. – DULLA, M. – ŠLACHTA, Š. Najmladšia slovenská architektúra. Projekt, vol. 29, 1987, no. 6, p. 5-7.

Citations in monographs, textbooks and other publications: 1

1. BEŇOVÁ, K. Niekoľko poznámok na tému postmoderny v slovenskej architektúre v rokoch 1978 – 1985. Galéria, Ročenka SNG 2001. Bratislava, SNG 2001. p. 167-173.

DULLA, M. Architektúra dnes. Slovenská architektúra 80. rokov a jej súvislosti. Pallas, Bratislava 1993. 224 p.

Citations in monographs, textbooks and other publications: 1

1. BEŇOVÁ, K. Niekoľko poznámok na tému postmoderny v slovenskej architektúre v rokoch 1978 – 1985. Galéria, Ročenka SNG 2001. Bratislava, SNG 2001. p. 167-173.

DULLA, M. Recidíva modernity. In: Recidíva modernity. (Zborník.) ARCHA SAS, Bratislava 1991, p. 24-29.

Citations in monographs, textbooks and other publications: 1

1. BEŇOVÁ, K. Niekoľko poznámok na tému postmoderny v slovenskej architektúre v rokoch 1978 – 1985. Galéria, Ročenka SNG 2001. Bratislava, SNG 2001. p. 167-173.

DULLA, M. Slovenská architektúra a urbanizmus za posledných päť rokov. Projekt, vol. 24, 1987, no. 4-5, p. 8-17.

Citations in monographs, textbooks and other publications: 1

1. BEŇOVÁ, K. Niekoľko poznámok na tému postmoderny v slovenskej architektúre v rokoch 1978 – 1985. Galéria, Ročenka SNG 2001. Bratislava, SNG 2001. p. 167-173.

DULLA, M. Vývojové trendy súčasnej slovenskej architektúry. Projekt, vol. 28, 1986, no. 5, p. 11-15.

Citations in monographs, textbooks and other publications: 1

1. BEŇOVÁ, K. Niekoľko poznámok na tému postmoderny v slovenskej architektúre v rokoch 1978 – 1985. Galéria, Ročenka SNG 2001. Bratislava, SNG 2001. p. 167-173.

SADOVSKÝ Z. Constant probability design values – A structural reliability design concept. In *Journal of Struct. Engineering (Special issue on reliability-based design of structures)*, Vol 25, No 1, 1998, p. 31-36.

Citations in monographs, textbooks and other publications: 1

1. Kala Z.

IV. POLSKO-CZESKO-SLOWACKIE SYMP, SESJA TRVALOSC BUDOVLI. Opola 2001, p. 8-9.

SADOVSKÝ Z. – PÁLEŠ D. Third-moment identification of resistance by FORM. In: *Building Research Journal*, Vol. 47, No. 3, 1999, p. 197-213.

Citations in monographs, textbooks and other publications: 1

1. Kala, Z.

1ST INT SCIENT SEMINAR NEW TRENDS IN STATICS AND DYNAMICS OF BUILDINGS, STU Bratislava 2001, p. 43-48.

SLADEK, J. – SLADEK, V. Evaluation of T-stresses and stress intensity factors in stationary thermo-elasticity by the conservation integral method. In *Int. Jour. Fracture*. Vol. 84, 1997, pp. 199-219.

Citations in monographs, textbooks and other publications: 1

1. Groger, R Calculation of fracture parameters for the cracked bodies strenghtened by circular patches. In *Proc. Int. Conf. on Comput. Mechanics*. Nectiny, 2001, pp. 69-78.