DEPARTMENT OF STRUCTURAL MECHANICS

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II. EQUIPMENT

II.1 Teaching and Research Laboratories

Small laboratory for experimental mechanics

II.2 Special Measuring Instruments and Computers

22 PCs connected to a local network
Static/dynamic tensometric equipment
Photoelasticimeter
Helium-neon laser
Memory oscilloscope for analysis of dynamic processes

III. TEACHING

III.1 Graduate Study

Architecture and Civil Engineering

Subjects	Semester	Hours Per Week Lectures	Seminars	Lecturer
Statics	2	2	2	P. Roško J. Sumec
Theory of Elasticity	3	3	3	Z. Mistríková J. Ravinger
Structural Mechanics	4	3	2	N. Jendželovský J. Králik
Building Analysis	6	2	2	P. Roško
Elasticity Theory	7	2	2	J. Sumec
Numerical Method in Structural Mechanics	7	2	2	J. Králik
Structural Dynamics	7	2	2	M. Sokol
Plate and Spatial Structures	8	2	2	J. Králik
Non-Linear Mechanics	9	2	2	J. Lovíšek
Interaction of Structures and Foundations	9	2	2	N. Jendželovský
Special Problems in Dynamics and Statics	10	2	2	J. Ravinger

Engineering Construction

Subjects	Semester	Hours per Week Lectures	Seminars	Lecturer
Statics	2	3	3	M. Sokol Y. Koleková
Structural Mechanics I	3	3	3	P. Marton J. Dický
Theory of Elasticity I	4	3	2	Y. Koleková J. Dický
Theory of Elasticity II	5	3	2	J. Ravinger
Structural Mechanics II	6	3	2	P. Roško
Structural Dynamics	7	3	2	P. Marton
Computer Modeling	7	3	2	N. Jendželovský
Structural Mechanics (In English)	7	2	-2	J. Dický, O. Hubová

Optional Subjects

Subjects	Semester	Hours per Week		Lecturer
		Lectures	Seminars	
Stability of Structures	8	2	2	J. Ravinger
Plasticity Analysis of Structures	9	2	2	J. Sumec
Seismic Engineering	10	2	2	J. Králik

Recommended Subjects

Subjects	Semester	Hours per Week		Lecturer
		Lectures	Seminars	
Use of Computers in Civil Engineering	5	2	2	M. Sokol
Structural Modeling Using FEM	6	2	2	J. Ravinger
Automation in the Statics of Structures	7	2	2	J. Králik
Structural Modeling in Statics and Dynamics	7	2	2	P. Roško
CAD in the Design of Structures	7	0	2	Ľ. Prekop
Automation in Structural Dynamics	8	2	2	J. Králik
Practice in Structural Dynamics	8	2	2	P. Roško
Viscoelasticity of Structural Systems	8	2	2	J. Sumec
Automation in Non-Linear Structural Analysis	9	2	2	J. Ravinger
Modelling Subgrades	9	2	2	N. Jendželovský

III.2 Postgraduate Study

Selected Aspects of Structural Mechanics
Selected Aspects of Applied Mathematics
Selected Aspects of Applied Physics
Planar and Spatial Structures
Mechanics of Bodies from Composite Materials
Finite Element Methods
Stability of Truss and Planar Structures
Structural Dynamics

IV. RESEARCH TARGETS

- Seismology - behaviour of building structures in sesmic regions,
- Safety and reliability of nuclear power plant buildings under seismic, explosion and impact loads,
- Non-linear analysis of concrete and steel structures,
- Numerical analysis of static and dynamic soil-structure interaction,
- Development of computer methods in static, dynamic and non-linear structural analysis

V. RESEARCH PROJECTS

VEGA

1. Optimal Design of Structures under Static and Dynamic Loads with Respect to Nonlinear Atributes of Materials (2000-2002, J. Dický)

2. Analysis of Foundation Constructions with Respect to Various Mathematical-Physical Subsoil Models (1999 - 2001, N. Jendželovský)
3. Structural Soil Interaction Solution under Seismic Load from Earthquake and Explosion for Non-Linear Concrete and Soil Strain-Stress Behaviour. Nuclear Power Plant Building Seismic Resistant Analysis. Slovak Grant Agency Research Grant (1999-2001, J.Králik).
4. Theoretical and Experimental Investigation of Selected Non-Linear Problems of the Theory of Structures (1999 - 2001, J. Ravinger)
5. Effective Analysis of Structures with Seismic Loading - Optimization of Numerical Models (2001 - 2003, P. Roško)
6. Dynamic Effects on High-Rise Structures and Application of ENV Codes (1999 - 2001, M. Sokol)
7. Clinical Utilization of the Biomechanics of a Spine with Pathological Changes (1999 - 2001, J. Sumec)

TEMPUS, SOCRATES

1. SOKOL, M. : International Ruhr UNI Bochum exchange cooperation TU Bratislava, Fakulty Coordinator
2. SUMEC, J. : (Ceepus) Faculty Coordinator
3. DICKÝ, J.: Socrates – Erasmus Thematic Network Project: European Civil Engineering Education and Training (EUCEET). Faculty Coordinator
4. KOLEKOVÁ, Y.: Analysis, design and manufacturing recommendations for a glass – aluminium facade with improved strength properties according to Eurocode 9

VI. COOPERATION

VI.1 Cooperation in Slovakia

1. Institute of Construction and Architecture of the Slovak Academy of Science
2. Technical University of Košice
3. University of Žilina

VI.2 International Cooperation

1. Civil Engineering Institute of the Polish Academy of Science, Poland
2. Technical University of Opole, Poland
3. Technical University of Gliwice, Poland
4. Technical University of Cracow, Poland
5. Fakultät der Bauingenieurwesen Ruhr-Universität, Bochum, Germany
6. Bundesformschung und Prufzentrum, Arsenal, Vienna, Austria
7. Czech Academy of Sciences, Prague, Czech Republic

VI.2.1 Visitors to the Department

1. Assoc Prof. Andrzej Wawrzynek - University of Gliwice
2. Dr. Zbigniew Lipski - University of Gliwice
3. Dr. Ryszard Walentyński - University of Gliwice
4. Dr. J. Pilsniak - University of Gliwice
5. Dr. Jan Fedorowicz - University of Gliwice
6. Dr. Lidia Fedorowicz - University of Gliwice

7. Dr. S. Kempny - University of Gliwice
8. Dr. Micchal Matheja - University of Gliwice
9. Prof. Jan Kubik - University of Opole

VI.2.2 Visits of Staff Members and Postgraduate Students to Foreign Institutions

1. J. Dický – Norwegian University of Technology, Trondheim, Norway
2. J. Dický – Catalunya University of Technology, Barcelona, Spain
3. J. Dický – University of Civil Engineering, Bucharest, Romania
4. P.Fajna - Carl University in Prague, Czech Republic
5. P.Fajna - Konrad - Zuse-Zentrum fur Informationstechnik, Berlin, Germany
6. T. Javorek - Carl University in Prague, Czech Republic
7. T. Javorek - Institute of Kurt Bösch, Sion, Switzerland
8. J. Lovíšek - Carl University in Prague, Czech Republic
9. J. Lovíšek – Institute of Mathematics, Academy of Sciences of the Czech Republic
10. I. Koleková - Ruhr University, Bockum, Germany

VII. THESES

VII.1 Graduate Theses

No.	Student´s name	Title	Supervisor
1.	Budinská Petra	Thin-Walled Girder with Circular Web Holes.	J. Ravinger
2.	Drach Imrich	Static and Dynamic Analysis of a Dwelling House.	O. Ivánková
3.	Krajčí Benjamín	Static Analysis of Business-Service Centre.	O. Ivánková
4.	Mrázová Radoslava	Spectrum Analysis of Response of Frame Structures to Seismic Effects - Programme Code.	M. Sokol
5.	Rajníček Martin	Optimal Design of Polus City Center Building Structure under Seismic Loads	J.Králik
6.	Ralbovská Terézia	Swimming Pool Roof - Steel Space Structure.	M. Sokol
7.	Tosecký Andrej	Numerical Analysis of Soil Vibrations Caused by Moving Load on a Rigid Road.	M. Sokol
8.	Tokár Otto	Static and Dynamic Analysis of a Church Tower.	P. Marton

VII.2 Doctoral Theses

No.	Student´s name	Title	Supervisor
1.	Fajna Pavol	Soil Structure Interaction Problem Considering Characteristics of Nonlinear Material during Seismic Action	J. Králik
2.	Javorek Tomáš	Nonlinear Problems of Arches and Shell Structures	J. Králik
3.	Kleiman Peter	Vibration of Imperfect Slender Webs	J. Ravinger
4.	Prekop Ľubomír	Interaction of Wall System with Subsoil Including the Effect of Material Nonlinearity	N. Jendželovský

5.	Psotný Martin	Nonlinear Buckling Analysis of Thin-Walled Structures	J. Ravinger
6.	Šimonovič Miroslav	Interaction of Structures with Subsoil Using Infinite Elements	J. Králik
7.	Véghová Ivana	New Experimental and Analytical Methods in Verification of Structures Subjected to Dynamic Effects	M. Sokol
8.	Vyskoč Eduard	Non-Linear Analysis of Reinforced Concrete Structures	J. Ravinger
9.	Tvrdá Katarína	Structure-Subsoil Interaction Problem in Optimal Design of Plates with Unilateral Bonds	J. Dický

VIII. OTHER ACTIVITIES

VIII.1 Special Lectures

[1] LOVÍŠEK, J. : Reliable Proposal for the Solution of an Optimal Control Problem, August 2001, Institute of Mathematics, Academy of Sciences of the Czech Republic

VIII.2 Commercial Activities for Firms and Institutions

1. KRÁLIK, J., ŠIMONOVIČ, M., JAVOREK,T.: (04-11-01) Arbitration of Seismic Upgrade Concept of Nuclear Power Plant Building V2 in Jaslovské Bohunice SO 800-805-806-807-490. Slovak University of Technology Bratislava, 2001
2. KRÁLIK, J., ŠIMONOVIČ, M., JAVOREK,T., FAJNA,P.: (04-279-01) Dynamic Analysis of the Seismic Resistance of a Building SO 531 JE V-2 for Seismic Category SC1 Slovak University of Technology Bratislava, 2001
3. KRÁLIK,J., JENDŽELOVSKÝ,N., VYSKOČ,E.: (04-385-01) Analytical Report of an Accident No. 6341/01 " Račianske mýto Building ", Račianske mýto, Bratislava
4. RAVINGER, J. : (04-228-01) Static – dynamic resolution of parabolic antenna, Hydrostav Košice
5. SOKOL,M.: (04-33-01) Detailed Calculation of Seismic Effects on Pružinka Bridge, CEMOS Bratislava
6. SOKOL,M.: (04-128-01) Detailed Calculation of Seismic Effects on a Railway Bridge, CEMOS Bratislava
7. AGÓCS,Z.: - SOKOL,M.: (04-255-01) Cable Vibrations at Košická Bridge in Bratislava
8. SOKOL,M.: (04-333-01) Static Evaluation of a Collision with Brick Piers.

VIII.3 Conferences and Workshops Organized

1. Science-Education Seminar, Current Education Problems in Mechanics, June 2001, Kočovce
2. I. International Scientific Seminar on New Trends in Statics and Dynamics of Buildings, Slovak University of Technolology in Bratislava, December 6–7, 2001, Mechanika Gliwice, Poland

IX. PUBLICATIONS

IX.1 Journals

[1] DICKÝ, J.: Inquires about European Higher Education in Civil Engineering. 1st Vol. of Socrates – Erasmus Thematic Network Project on European Civil Engineering Education and Training (EUCEET). ISBN 973-85112-1-6. Biblioteci Nationale Bucharest 2001 (Participation in Part Two – Curricula in Civil Engineering Education at the Undergraduate Level)
[2] LOVÍŠEK, J.: Proposed Solution for a Parabolic Obstacle Problem with Respect to Uncertain Data. In: Applications of Mathematics, Prague (2001)
[3] HLAVÁČEK, I, LOVÍŠEK, J. : Control of Pseudoplate Obstacle with Friction on the Boundary. In: Control and Cybernetics, Poland (2001)
[4] LOVÍŠEK, J.: Optimal Control Problem of a Nonhomogeneous Viscoelastic-Reinforced Plate with a Unilateral Winkler Elastic Foundation. In: ZAMM Editorial Office, Zeitschrift fur Angewandte Mathematik und Mechanik, March 19, 2001
[5] BOCK, I., LOVÍŠEK, J.: On the Minimum Work of Interaction Forces Between a Pseudoplate and a Rigid Obstacle. In: Mathematica Bohemica, No. 2, 126 (2001), pp. 281-292
[6] HLAVÁČEK, I, LOVÍŠEK, J.: Control of a Pseudoplate Obstacle with Friction on the Boundary. Optimal Design and Problems with Uncertain Data. In: Applicationes Mathematicae, 28,4 (2001), pp. 407-426
[7] SOKOL, M.: Torsion Effects in Simplified Seismic Design of High-Rise Buildings. In: Slovak Journal of Civil Engineering 3/2001, pp. 8-17
[8] KRÁLIK, J.-CESNAK ,J.: Nonlinear Analysis of Power Plant Buildings with the WWER 230 Reactor after a Loss of Coolant Accident. In: Slovak Journal of Civil Engineering. Slovak University of Technology Bratislava, Vol. 2001/3, pp.18-32.
[9] MISTRÍKOVÁ, Z.: Non-Linear Analysis of Louvre Plates on a Unilateral Elastic Winkler-Type Subgrade. In: Slovak Journal of Civil Engineering, Vol. 7, 2001/3 pp. 60-79, ISBN 1210-3896
[10] BALÁŽ, I., KOLEKOVÁ, Y.: Lateral Torsional Buckling of Unwelded and Welded Steel and Aluminium Beams. In: Slovak Journal of Civil Engineering 2000/3, pp. 1-7.
[11] RAVINGER, J. – KLEIMAN, P.: Natural Vibration of Imperfect Columns and Frames. In: Building Research Journal, 2001.
[12] LOVÍŠEK, J.: Optimal Control Problem of a Kirchhoff Viscoelastic Plate. In: Slovak Journal of Civil Engineering, 2000/3, pp. 45-59.
[13] VYSKOČ, E. – GRAMBLIČKA, Š.: Reconstruction of a Circulation Centre. In: Projekt a stavba 2/2001, pp. 22-25
[14] ROŠKO, P: Ing. Bohumil Bohunický: 50 Years, Bratislava, 2001, In: Projekt a stavba č.9, 2001, p. 35

IX.2 Books and Textbooks

[1] FILLO, Ľ, - SOKOL, M., - BELLOVÁ, M.: Static and Dynamic Analysis of Structures, Slovak University of Technology in Bratislava, May 2001, ISBN 80-227-1520-4, 102 pp., (2 AH, 38 pp.)

IX.3 Conferences

[1] SUMEC, J., SOKOL.M., LISÝ, M., VÉGHOVÁ, I.: Mechanical Response of the Human Spine. In: 3rd SKELET 2001 Conference, May 22-23, 2001, CD ROM and http://www.cbmi.cvut.cz/en/events/skelet/skeleteng.html

[2] SUMEC, J., SOKOL.M.: Computation Modelling of Human Spinal Response. In: ECCM-2001, Vol. 2, June 26-29, 2001, Cracow, Poland, Datacomp, pp. 1-12, ISBN 83-85688-68-4, Abstract pp. 804-805.

[3] KRÁLIK, J., JAVOREK, T., FAJNA, P.: Dynamic Analysis of Reinforced Concrete Highrise Building Bearing Systems, In: Proceedings of 20th European Regional Earthquake Engineering Seminar. Seismic Assessment and Upgrading of Existing Structures, Sion, September 2001, Institut Universitaire Kurt Bösch, Sion, Switzerland, EAEE, pp. 136-137.

[4] KRÁLIK, J., CESNAK, J.: Resistance Analysis of Reinforced Concrete Structure of NPP Hermetic Zone Considering Cracking of Concrete Due to Loss of Coolant Accident, Failures of Concrete Structures, RILEM IABSE Bratislava, Expertcentrum, September 2001, pp. 45-50.

[5] SOKOL,M., TOSECKÝ, A.: Dynamic Behaviour of a Steel Suspension Foot Bridge. In: 4th International Conference on Bridges Across the Danube 2001, Bratislava 2000, pp. 199-204.

[6] FLESCH, R. SOKOL, M.: Soil Stiffness Identification Using Measured Eigenfrequencies and Model of Highway. In: D-A-CH Tagung, Innsbruck, September 19 –21, 2001, pp. 156-162.

[7] CESNAK,J.-KRÁLIK,J.: Nonlinear Analysis of Power Plant Buildings After a Loss of Coolant Accident. In: Proceeding of 2nd International Scientific Conference, Quality and Reliability in the Building Industry, Levoča, October 2001, TU Košice, pp. 95-101.

[8] SOKOL, M., SUMEC, J., VYSKOČ, E.: Effect of Ovality Change on Safety of Gas Pipeline System. In: Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 486-491, ISBN 80-7099-707-9

[9] HUBOVÁ, O., SOKOL, M: Aeroelastic Instability of Cable Stays. In: Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 197-202, ISBN 80-7099-707-9

[10] KRÁLIK, J.: Improving Seismic Safety and Reliability of Nuclear Power Plant Buildings. In : Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 299-305, ISBN 80-7099-707-9

[11] KRÁLIK, J., JAVOREK, T.: Analysis of Seismic Resistance of Reinforced-Concrete Highrise Building Bearing Systems. In: Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 306-311, ISBN 80-7099-707-9

[12] ŠIMONOVIČ, M., MISTRÍKOVÁ, Z.: Design Software for Concrete Structures in Accordance with STN and EC2 Standards. In: Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 510-514, ISBN 80-7099-707-9

[13] IVÁNKOVÁ, O., MARTON, P.: Design of Roofing for Cylindrical Settling Tanks. In: Quality and Reliability in the Building Industry, 2nd International Conference, October 24-26, 2001, Levoča, pp. 220-223, ISBN 80-7099-707-9

[14] PSOTNÝ, M., RAVINGER, J.: Effect of Initial Geometric Imperfections in Post-Buckling Behaviour of a Slender Web. In: New Trends in the Statics and Dynamics of Buildings, December, 6-7, 2001, Bratislava, ISBN 80-227-1636-7, pp. 31-36.

[15] RAVINGER, J., VYSKOČ, E.: Stiffness Properties of R/C Girder under Bend and Shear Loading. In: New Trends in the Statics and Dynamics of Buildings, Bratislava 6-7, 2001, pp. 49-54.
[16] VÉGHOVÁ, I. , SOKOL. M., SUMEC, J.: Biomechanical Analysis of Human Spinal Structure. In: New Trends in the Statics and Dynamics of Buildings, Bratislava 6-7, 2001, ISBN 80-227-1636-7, pp. 55-58.
[17] RAVINGER, J. , KLEIMAN, P.: Vibration of Imperfect Columns and Frames. In: New Trends in the Statics and Dynamics of Buildings, Bratislava 6-7, 2001, pp. 65-70.
[18] ŠIMONOVIČ, M. KRÁLIK, J.: Soil-Plate Dynamic Interaction. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 71-74 (in Slovak).
[19] KRÁLIK, J., JAVOREK, T.: Dynamic Analysis of Bracing Systems in a High-Rise Building. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 79-85 (in Slovak).
[20] KRÁLIK, J., CESNAK, J., ŠIMONOVIČ, M., JAVOREK, T., FAJNA, P., PREKOP, Ľ., JENDŽELOVSKÝ, N., IVÁNKOVÁ, O.: Complex High-Confidence Analysis of Power Plant Buildings at Jaslovské Bohunice. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 91-96.
[21] JENDŽELOVSKÝ, N.: Modelling Foundation Constructions in ANSYS. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 97-100.
[22] KRÁLIK, J.: Dynamic Soil-Structure Interaction Effects on an Unbounded Domain. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 107-112.
[23] HUBOVÁ, O.: Dynamic Wind Response of Slender Structures. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 113-118.
[24] ŠLAŠŤAN, J., ROŠKO, P.: Modal Analysis of Structures. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 119-125.
[25] SOKOL, M.: Earthquake-Resistant Design of High-Rise Buildings Using Various Structural Models and Methods. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 125-130.
[26] Roško, P., Bekö, A.: Optimal Shape and Topological Design of Discrete Structures. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 131-137.
[27] MISTRÍKOVÁ, Z.: The Effect of the Intensity and Position of a Load on the Stress-Strain of Louvre Plates with an Unilateral Subgrade. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 137-142.
[28] IVÁNKOVÁ, O., KAISER, J.: Non-Linear Calculation of Reinforced Concrete Beams with Consideration of Crack Effects. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 173-178.
[29] SOKOL. M., VÉGHOVÁ, I.: Compatibility of Artificially Generated Accelerograms. In: 1st International Scientific Seminar on New Trends in the Statics and Dynamics of Buildings, Bratislava, ISBN 80-227-1636-7, December 6-7, 2001, pp. 189-193.

[30] MARTON, P., ŠIMONOVIČ, M., KASALA, M.: Proposed Solution for the Starobesevo Power Station Foundation Plate. In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp.89-92.

[31] MISTRÍKOVÁ, Z.: The Effect of a Movable Load on the Joining of a Continuous Plate with an Elastic Subgrade. In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp. 210-215.

[32] MISTRÍKOVÁ, Z., VYSKOČ, E.: Parametrical Processing of the Thickness of the Plate of a Manipulated Area with Respect to Waterproofing. In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp. 93-98

[33] JENDŽELOVSKÝ, N.: Analysis of Road Plate with an Elastic Subgrade. In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp. 99-104.

[34] KRÁLIK, J., JAVOREK, T.: Efficiency of the Bracing Systems of Tall Buildings., In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp. 125-130 (in Slovak).

[35] IVÁNKOVÁ, O.: Static-Dynamic Analysis of Tall Dwelling House Subject to Interaction with Soil and Seismic Loadings. In: Proceedings of International Conference on Static-Structural and Building-Physical Problems in Civil Engineering, Tatranská Lomnica, November 28-30, 2001, TU Košice, ISBN 80-232-0203-0, pp. 131-136.

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