

# L I S T A D E L U C R A R I

SANDOVICI VALERICA-ADRIAN - Dr. din 2001

## A. Tezele de doctorat

T1. „Contributions to the extension theory in Hilbert spaces”;  
Teză de doctorat, Universitatea din Groningen, 2006, 193 pagini;  
Conducător științific: Prof. Dr. Henk de Snoo.

T2. „Teorii gauge in spații Lagrange”;  
Teza de doctorat, Universitatea din Iasi, 2001, 330 pagini;  
Conducător științific: Acad. Prof. Dr. Doc. Radu Miron.

## B. Capitol carte/ curs/ manual

Ca1 Adrian Sandovici,

*Implications of homogeneity in Miron's sense in gauge theories of second order.*

In vol. Finsler and Lagrange Geometries: Proceedings of a Conference Held on August 26-31, 2001, in Iasi, Romania, Kluwer Acad. Pub., 2003, 277-285.

(Volum ISI)

Ca2 Adrian Sandovici,

*Curbe și hipersuprafețe in spații Euclidiene*, Editura Performantica, Iasi, 2016, 101 pagini, ISBN: 978-606-685-438-2

Ca3 Adrian Sandovici,

*Matematici Competitionale*, Editura Performantica, Iași, 2016, 181 pagini, ISBN: 978-606-685-424-5

Ca4 Adrian Sandovici,

*Notiuni elementare de teoria codurilor*, Editura Pim, Iași, 2008, 118 pagini, ISBN 978-606-520-125-5.

Ca5 Adrian Sandovici,

*Antrenament Matematic pentru Concursurile Scolare*, Editura EduCart, Bacau, 2008, 112 pagini, ISBN 978-973-88330-8-1.

Ca6 Adrian Sandovici

*Antrenament Matematic pentru Testele Nationale*, Editura EduSoft, Bacau, 2007, 112 pagini, ISBN 973-8934-57-5.

Ca7 Adrian Sandovici,  
*Matematica pentru Capacitate*, Editura Alfa, Piatra Neamt, 2002, 122  
pagini, ISBN 973-85209-3-2.

### C. Indrumar/ culegere de probleme

I1. Adrian Sandovici  
*Matematici Speciale. Culegere de probleme rezolvate*, Editura  
Performantica, Iasi, 2016, 115 pagini,  
ISBN: 978-606-685-436-8

### D. Carte de specialitate publicata in editura din strainatate

Cb1 Adrian Sandovici,  
*Contributions to the extension theory in Hilbert spaces*,  
RIJKSUNIVERSITEIT GRONINGEN, 193 pp, 2006,  
ISBN 90-367-2644-1

### E. Carte de specialitate/ capitol publicat in editura din tara, recunoscuta CNCS

Cb2 Adrian Sandovici and Victor Blanuta.  
*Beil metrics on Cartan spaces*. In vol. "Recent advances in geometry and  
topology". D. Andrica and P. Blaga (Eds.).  
Cluj University Press, 2004, 353-363.

### F. Articol publicat in revista cotata ISI, cu factor de impact

R1 A. Sandovici,  
Von Neumann's theorem for linear relations,  
*Linear and Multilinear Algebra*, Volume 66, 2018, Issue 9,  
Pages 1750--1756.

R2 P. Barsanescu, A. Sandovici, A. Serban,  
Mohr-Coulomb criterion with circular failure envelope, extended to  
materials with strength-differential effect,  
*Materials and Design*, 148 (2018) 49-70.

R3 M. Roman, A. Sandovici,  
A Factorization Approach to the Extension  
Theory of the Tensor Product of Nonnegative Linear Relations,  
*Results in Mathematics*, no. 72, 2017, pp. 875--891.

R4 M. Roman, A. Sandovici,  
B-spectral theory of linear relations in complex Banach spaces,  
*Publ. Math. Debrecen*, vol. 91/3-4, 2017, pp. 455-466.

R5 S. Hassi, A. Sandovici, H.S.V. de Snoo, H. Winkler,  
Extremal maximal sectorial extensions of sectorial relations,  
*Indagationes Mathematicae*, vol. 28, 2017, pp. 1019--1055.

R6 O.V. Iftime, M. Roman and A. Sandovici,  
A Kernel Representation of Dirac Structures for Infinite-dimensional  
Systems,  
Math. Model. Nat. Phenom. Vol. 9, No. 5, 2014, pp. 295-308

R7 Adrian Sandovici, Zoltán Sebestyén,  
On operator factorization of linear relations  
Positivity, November 2013, Volume 17, Issue 4, pp 1115-1122, DOI  
10.1007/s11117-013-0224-x.

R8 Adrian Sandovici, Florian-Horia Vasilescu,  
Normal extensions of subnormal linear relations via quaternionic Cayley  
transforms,  
Monatshefte für Mathematik, June 2013, Volume 170, Issue 3-4, pp 437-463,  
DOI 10.1007/s00605-012-0454-1.

R9 MIHAI ANASTASIEI and ADRIAN SANDOVICI,  
BANACH DIRAC BUNDLES,  
Int. J. Geom. Methods Mod. Phys. 10, 1350033 (2013) [16 pages]  
DOI: 10.1142/S0219887813500333

R10 Alvarez Teresa, Sandovici Adrian  
"On the Reduced Minimum Modulus of a Linear Relation in Hilbert Spaces",  
Complex Analysis and Operator Theory, August 2013, Volume 7, Issue 4, pp  
801-812  
DOI 10.1007/s11785-011-0173-y

R11 J.-PH. LABROUSSE, A. SANDOVICI, H.S.V. DE SNOO AND H. WINKLER,  
CLOSED LINEAR RELATIONS AND THEIR REGULAR POINTS,  
Operators and Matrices, Volume 6, Number 4 (2012), 681-714,  
DOI:10.7153/oam-06-45

R12 Adrian Sandovici,  
On Domains and Ranges of Powers of Linear Relations in Linear Spaces  
Complex Analysis and Operator Theory, Volume 6, Number 3 (2012), 749-758,  
DOI: 10.1007/s11785-011-0144-3

R13 Adrian Sandovici, F.-H. Vasilescu,  
ON PRODUCTS OF NONNEGATIVE LINEAR OPERATORS AND RELATIONS,  
Acta Mathematica Hungarica,  
January 2012, Volume 134, Issue 1, pp 139-152  
DOI: 10.1007/s10474-011-0130-2

R14 J.-Ph. Labrousse, A. Sandovici, H.S.V. de Snoo, and H. Winkler,  
"The Kato decomposition of quasi-Fredholm relations",  
Operators and Matrices, 4 (2010), pag. 1-51.

R15. A. Sandovici, H. de Snoo.  
An index formula for the product of linear relations.  
Linear Algebra and Its Applications, 431 (2009), pp. 2160-2171.

R16 S. Hassi, A. Sandovici, H. de Snoo, H. Winkler.  
*A general factorization approach to the extension theory of nonnegative operators and relations.*  
*Journal of Operator Theory*, vol. 58, no. 2 (2007), 351-386.

R17 S. Hassi, A. Sandovici, H. de Snoo, H. Winkler.  
*Extremal extensions for the sum of nonnegative selfadjoint relations.*  
*Proceedings of the American Mathematical Society*, vol. 135 (2007), 3193-3204

R18 A. Sandovici, H. de Snoo, H. Winkler.  
*Ascent, descent, nullity, defect, and related notions for linear relations in linear spaces.*  
*Linear Algebra and its Applications*, vol. 423, no. 2-3, 1 June 2007, 456-497.

R19 A. Sandovici, H. de Snoo, H. Winkler.  
*The structure of linear relations in Euclidean spaces.*  
*Linear Algebra and its Applications*, vol. 397, 2005, 141-169.

G. Articol publicat în revista indexată în bază de date internatîonale (BDI)

R20 A. Sandovici, P.D. Barsanescu,  
Considerations concerning yield criteria insensitive to hydrostatic pressure,  
*Romanian Journal of Technical Sciences - Applied Mechanics*, 2 (2018), 123-130.

R21 A M Comanici, A Sandovici and P D Barsanescu,  
Investigation of limit state criteria for amorphous metals,  
*IOP Conf. Series: Materials Science and Engineering* 147 (2016) 012100  
doi:10.1088/1757-899X/147/1/012100

R22 Marcel Roman, Adrian Sandovici,  
*On tensor products of nonnegative linear relations,*  
BSG Proceedings 21. The International Conference "Differential Geometry - Dynamical Systems",  
DGDS-2013, October 10-13, 2013, Bucharest-Romania,  
pp. 167-174.

R23 ADRIAN SANDOVICI, ON A CLASS OF ALMOST CONTACT STRUCTURES ON  $T^2M$ ,  
*REV. ROUMAINE MATH. PURES APPL.*, 57 (2012), 2, 159-164.

R24 Sandovici Adrian,  
ON MOORE-PENROSE INVERSE OF LINEAR RELATIONS IN HILBERT SPACES,  
*BULETINUL INSTITUTULUI POLITEHNIC DIN IASI, Publicat de Universitatea Tehnica "Gheorghe Asachi" din Iasi, Tomul LVII (LXI), Fasc. 1, 2011, Sectia MATEMATICA. MECANICA TEORETICA. FIZICA*, pp. 227-234.

R25 Sandovici Adrian,  
„ $\mu$ -SCALE INVARIANT LINEAR RELATIONS IN HILBERT SPACES”,  
Scientific Studies and Research Series Mathematics and Informatics, Vol.  
21 (2011), No. 1, 215 - 224.

R26 Iftime, Orest V., Sandovici, Adrian  
On different types of representations of Dirac structures on Hilbert  
spaces,  
Februarie 2012, ROMAI J., v.7, no.2 (2011), pages 79-88.

R27 Sandovici Adrian,  
ON THE CURVATURE TENSOR FIELD ASSOCIATED TO HOMOGENEOUS  
METRICAL STRUCTURES ON  $T^2M$ ,  
Scientific Studies and Research. Series Mathematics and Informatics,  
Volume 20, Number 2 (2010), decembrie 2010, ISSN 2067-3566, pp. 67 - 78.

R28 A. Sandovici,  
Characterizations of Nonnegative Selfadjoint Extensions,  
Acta Universitatis Apulensis, no 15/2008, 397-404.

R29 A. Sandovici, V. Blanuta,  
Generalized Beil metric on Finsler spaces.  
Libertas Mathematica, vol. XXVII (2007), 65-72.

R30 A. Sandovici.  
*Lagrangian pairs in Hilbert spaces.*  
Methods of Functional Analysis and Topology, vol. 12, no. 1, 2006, 82-  
100.

R31 J.-Ph. Labrousse, A. Sandovici, H. de Snoo, H. Winkler.  
*Quasi-Fredholm relations in Hilbert spaces,*  
Studii si Cercetari Stiintifice, No. 16 (2006), 93-106.

R32 A. Sandovici,  
*A smooth gauge model on tangent manifold,*  
Rendiconti del Seminario Matematico Torino, vol. 63, no.3, 2005, 255-282.

R33 M. Mocanu, A. Sandovici.  
*On the convergence of a sequence generated by an integral.*  
Creative Mathematics, vol. 14, 2005, 31-42.

R34 A. Sandovici, V. Blanuta.  
*Generalized Beil metric on Cartan spaces.*  
Tensor (N.S.), vol. 66, no.1, 2005, 34-43.

R35 A. Sandovici.  
*A generalization of Yang Mills theory on the bundle of accelerations.*  
Studii si Cercetari Stiintifice, No. 15 (2005), 153-160.

- R36 A. Sandovici.  
*Two remarkable connections associated with a Beil metric on Cartan spaces.*  
 Radovi Matematicki, 12 (2004), 189-203.
- R37 A. Sandovici, V. Blanuta.  
 On a framed  $f$  - structure on tangent manifold of a Riemannian Space.  
 Libertas Mathematica, vol. XXIV (2004), 21-28.
- R38 A. Sandovici.  
 On the homogeneous geometrical model of a Riemannian space.  
 Acta Mathematica Nyiregyhaziensis, 19 (2003), 245-253.
- R39 A. Sandovici.  
 A Rheonomic gauge theory.  
 Carpathian J. Math., 19 (2003), No. 2, 111-134.
- R40 A. Sandovici, V. Blanuta.  
 Homogeneous  $2$ -pi metrical structures on  $T^2M$  manifold.  
 Bull. Malays. Math. Sci. Soc. (2), 26 (2003), 163-174.
- R41 A. Sandovici.  
 A class of almost complex structures on tangent manifold.  
 Studii si Cercetari Stiintifice, No. 14 (2004), 171-178.
- R42 A. Sandovici.  
 Levi-Civita connection on second order tangent bundle.  
 Studii Si Cercetari Stiintifice, No. 13 (2003), 145-156.
- R43 A. Sandovici.  
 Conservation laws in higher order Lagrange spaces.  
 Mathematica, Cluj, Tome 44(67), No. 1 (2002), 77-86.
- R44 A. Sandovici.  
 Differential Operators on Bundle of Accelerations in Homogeneous approach.  
 Buletinul Stiintific al Universitatii din Baia Mare,  
 Vol. XVII, no. 1-2, 2001, 117-126.
- R45 A. Sandovici.  
 Strength fields and Lagrangians on  $GOSC(2)(M)$ .  
 Analele Universitatii 'Al. I. Cuza', Iasi,  
 Tomul XLVII, s.I a, Matematica, 2001, f.2, 213-228.
- R46 A. Sandovici.  
 Generalized Asanov Equations of Second Order.  
 Studii Si Cercetari Stiintifice, Nr. 11 (2001), 213-218.
- R47 A. Sandovici.  
 Gauge Bianchi Identities in Higher Order Lagrange Spaces.  
 Balkan Journal of Geometry and Its Applications, vol. 5, no. 1, 2000,  
 141-148.

R48 A. Sandovici.

*D - Connections Compatible with a Class of Metrical Almost 2- $\pi$  Structures on TM.*

*Differential Geometry - Dynamical Systems*, vol. 2, no. 1, 2000, 36-42.

R49 A. Sandovici.

*A Gauge Theory of Second Order in Munteanu-Ikeda Approach.*

*Studii si Cercetari Stiintifice*, No. 10 (2000), 255-278.

R50 A. Sandovici, V. Blanuta.

*A Class of Metrical Almost 2- $\pi$  Structures on Tangent Bundle.*

*Algebras, Groups and Geometries*, 17(3), 2000, 331-340.

R51 A. Sandovici.

*Deformation of Second Order of Riemannian Spaces.*

*Studii si Cercetari Stiintifice*, No. 9 (1999), 187-202.

H. Articol/studiu publicat in revista de specialitate  
neindexata in baze de date

R52 A. Sandovici.

*A Generalization of Yang Mills Theory in Higher Order Gauge Approach.*

*Analele Facultatii de Inginerie din Hunedoara, University of Timisoara,*  
Tomul III, Fascicola 5, 2001, 150-155.

R53 A. Sandovici.

*A Generalization of Electromagnetic Field Theory in Higher Order  
Lagrange Spaces.*

*Analele Facultatii de Inginerie din Hunedoara, University of Timisoara,*  
Tomul II, Fascicola 5, 2000, 72-81.

R54 A. Sandovici.

*Rheonomic Gauge Non-linear Connections and Semisprays.*

*Analele Facultatii de Inginerie din Hunedoara, University of Timisoara,*  
Tomul I, Fascicola 4, 1999, 121-128.

R55 A. Sandovici.

*Equations of Motion and Conservation Laws in Rheonomic Gauge Lagrange  
Approach.*

*Analele Facultatii de Inginerie din Hunedoara, University of Timisoara,*  
Tomul I, Fascicola 7, 1999, 69-80.

R56 A. Sandovici.

*On a Class of Generalized Lagrange Spaces of Second Order.*

*Analele Universitatii 'Dunarea de Jos', Galati, vol. XVI, f.2, 1998,*  
31-40.

## I. Creatie artistica prezentata la manifestare recunoscuta din strainatate

A1 Workshop Systems & Operators, 14 - 17 decembrie, 2010, Groningen, Olanda, organizat de Johann Bernoulli Institute (JBI) in Groningen.  
Titlul lucrarii prezentate:  
**„On powers of linear relations”**

A2 Workshop on Boundary relations, from 14 Dec 2009 through 18 Dec 2009,  
Lorentz Center - International Center for workshops in the Sciences, Leiden.  
Titlul lucrarii prezentate:  
**“Commutation properties of non-negative operators”**

A3 „8th Workshop Operator Theory in Krein Spaces and Inverse Problems”, December 18-21, 2008, TU Berlin, Germany;  
Titlul lucrarii prezentate:  
**“Spectral analysis of linear relations using Ascent, Descent, Nullity and Defect”.**

A4 „7th Workshop Operator Theory in Krein Spaces and Spectral Analysis”, December 13-16, 2007, TU Berlin, Germany;  
Titlul lucrarii prezentate:  
**“Invariant Nonnegative Relations in Hilbert Spaces”.**

A5 The 6th Workshop Operator Theory in Krein December 16-18, 2006, TU Berlin, Germany;  
Titlul lucrarii prezentate:  
**“Composition of Dirac structures for infinite-dimensional systems”**

A6 The 5th Workshop Operator Theory in Krein December 16-18, 2005, TU Berlin, Germany;  
Titlul lucrarii prezentate:  
**“A factorization approach to the extension theory of sectorial linear relations”**

A7 Algorithmic Information Theory Conference, May 16-18, 2005, Vaasa, Finland;  
Titlul lucrarii prezentate:  
**“Ascent, descent, nullity, defect for linear relations in linear spaces”**

A8 The 4th Workshop on Operator Theory in Krein Spaces and Applications, December 17-19, 2004, TU Berlin, Germany;  
Titlul lucrarii prezentate:  
**“Degenerate Inner Product Spaces”**

A9 Workshop on Finsler Geometry and Applications, August 11-15, 2003, Debrecen, Hungary;  
Titlul lucrarii prezentate:  
**“Some exotic geometrical structures on tangent bundle”**



**J. Creatie artistica prezentata la manifestare recunoscuta din tara**

**A10** International Conference on APPLIED AND PURE MATHEMATICS (ICAPM 2015), 4th Edition, Iasi, November 6 - 8, 2015

Titlul lucrarii prezentate:

**„On Spectral Theory of Linear Relations in Complex Banach Spaces”**

**A11** International Conference on APPLIED AND PURE MATHEMATICS (ICAPM 2013), 3rd Edition, November 1 - 3, 2013

Titlul lucrarii prezentate:

**„Kernel Representation of Dirac Structures for Infinite-Dimensional Systems”**

**„Regular Linear Relations on Banach Spaces”**

**A12** The 7-th International Conference of Differential Geometry and Dynamical Systems (DGDS-2013 ), 10-13 October 2013, Bucharest, Romania.

Titlul lucrarii prezentate:

**„Tensor product of linear relations”**

**A13** THE 13th INTERNATIONAL CONFERENCE OF TENSOR SOCIETY ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, AND INFORMATICS BESIDES, September 3-7, 2013 Iasi, Romania

Titlul lucrarii prezentate:

**„A class of Generalized Dirac Structures on Banach Lie Algebroids”**

**A14** A 24-a Conferinta Internaționala de Teoria Operatorilor, organizata de Institutul de Matematica Simion Stoilow al Academiei Romane și de Universitatea de Vest din Timisoara, Timisoara 2 - 7 Iulie 2012.

Titlul lucrarii prezentate:

**„Tensor products of nonnegative linear relations on Hilbert space”.**

**A15** Inter-Academia 2011 (10th International Conference on Global Research and Education), Sucevita, Romania, 26-29 septembrie 2011.

Titlul lucrarii prezentate:

**„Interconnection of multi-parameterized Volterra-Lotka-Hamilton production models”.**

**A16** THE 19-th CONFERENCE ON APPLIED AND INDUSTRIAL MATHEMATICS, 22 - 25 septembrie 2011, Iasi.

Titlul lucrarii prezentate:

**„On certain algebraic objects in the study of spectral properties of linear relations”,**

**A17** "Gheorghe Vranceanu" National Conference on Mathematics and Informatics with International Participation  
Celebrating 50 Years of Higher Education in Bacau: 1961 - 2011, Bacau,  
May 26th - 28th, 2011.

Titlul lucrării prezentate:

***„On quasi-homogeneous multi-time dependent geometry”***

**A18** CONFERINȚA INTERNAȚIONALĂ "MATEMATICI APLICATE ȘI FUNDAMENTALE",  
Editia a II-a, 12 - 14 noiembrie 2010, Iasi, Romania, organizata de  
CATEDRA DE MATEMATICA, Facultatea de Electronica, Telecomunicatii si  
Tehnologia Informatiei, Universitatea Tehnica "Gh. Asachi" Iasi.

Titlul lucrării prezentate:

***„On Moore-Penrose inverses in Hilbert spaces”.***

**A19** THE 18th CONFERENCE ON APPLIED AND INDUSTRIAL MATHEMATICS, 14 - 17  
octombrie 2010, Iasi, Romania organizata de Academy of Romanian  
Scientists (AOSR), the Romanian Society of Applied and Industrial  
Mathematics (ROMAI), the Faculty of Mathematics of the "Al. I. Cuza"  
University of Iasi (UAIC), "Octav Mayer" Mathematical Institute of the  
Romanian Academy, the Romanian Mathematical Society - Iasi branch and  
National Institute of Invent Iasi.

Titlul lucrării prezentate:

***„Composition of Dirac structures for infinite-dimensional systems”.***

**A20** ICMI2, Bacau, September 8-10 2009

Titlul lucrării prezentate:

***“ An index formula for the product of linear relations”.***

**A21** Conferinta Nationala de Matematica și Informatics CNMI 2007, Bacau,  
16-17 noiembrie 2007.

Titlul lucrării prezentate:

***“On non-negative selfadjoint extensions of a non-negative relation”***

**A22** 10th Quantum Mathematics International Conference, Moeciu, Romania,  
September 10-15, 2007;

Titlul lucrării prezentate:

***„On  $\mu$  - scale invariant linear relations”.***

**A23** International Conference on Theory and Applications of Mathematics  
and Informatics (ICTAMI 2007),  
August 30-September 2, Alba Iulia, Romania.

Titlul lucrării prezentate:

***“On non-negative selfadjoint extensions in Hilbert spaces”***

**A24** ICMI 45

September , 2006, Bacau, România;

Titlul lucrării prezentate:

***“Quasi-Fredholm relations in Hilbert spaces”***

A25 The 21st Conference on Operator Theory,  
June 28 - July 4, 2006, Timisoara, Romania;  
Titlul lucrării prezentate:

*"The Kato decomposition of quasi-Fredholm relations in Hilbert spaces"*

A26 International Conference on Complex Analysis and Related Topics.  
The Xth Romanian-Finnish Seminar, August 14-19, 2005, Cluj-Napoca,  
Romania;

Titlul lucrării prezentate:

*"The form sum of sectorial relations"*

A27 The 7th International of Tensor Society on Differential Geometry &  
Its Applications and Mathematical Foundations of Information Sciences &  
Its Applications, August 23-28, 2004, Timisoara, Romania;

Titlul lucrării prezentate:

*"Generalized Beil metrics on Finsler spaces"*

A28 The 20th Conference on Operator Theory,  
June 30 - July 5, 2004, Timisoara, Romania;

Titlul lucrării prezentate:

*"The structure of linear relations in Euclidean spaces"*

A29 The Sixth International Workshop on Differential Geometry and its  
Applications, September 1-6, 2003, Cluj-Napoca, Romania;

Titlul lucrării prezentate:

*"On a class of Beil metrics on Cartan spaces"*

A30 International Conference on Differential Geometry,  
August 25-31, 2002, Iasi, Romania;

Titlul lucrării prezentate:

*"On a framed  $f$ -structure on tangent manifold of a Riemannian space"*

*K. Articol/studiu publicat in volumul unei manifestari  
stiintifice indexate in baze de date internationale (BDI)*

V1 O. Iftime, A. Sandovici,

Scattering representations of Dirac structures for infinite dimensional  
network systems.

In Proceedings of the 53rd IEEE Conference on Decision and Control. (pp.  
2077-2082).

*IEEE (The Institute of Electrical and Electronics Engineers).*

V2 Iftime, Orest V., Sandovici, Adrian

*Interconnection of Dirac structures via kernel/image representation,*  
2011 AMERICAN CONTROL CONFERENCE

*Book Series: Proceedings of the American Control Conference, Pages:  
3571-3576.*

**V3 S. Hassi, A. Sandovici, H. de Snoo, H. Winkler.**  
*One-dimensional Perturbations, Asymptotic Expansions, and Spectral Gaps.*  
Operator Theory: Advances and Applications, Volume 188,  
"Spectral Theory in Inner Product Spaces and Applications",  
*Birkhäuser Basel, 2009, 149-173.*

**V4 A. Sandovici.**

*On a Krein Criterion.*

Operator Theory: Advances and Applications, Volume 188,  
"Spectral Theory in Inner Product Spaces and Applications",  
Birkhäuser Basel, 2009, 237-243.  
(Volum cotat ISI)

**V5 A. Sandovici.**

*On polynomials in a linear relation.*

Proceedings of the 4th Workshop on Operator Theory in Krein Spaces and Applications, Berlin, December 17-19, 2004. In volume Operator Theory in Inner Product Spaces, Series: OTAA, Vol. 175, Forster, K.-H.; Jonas, P.; Langer, H.; Trunk, C. (Eds.) 2007, VI, 240 p., ISBN: 978-3-7643-8269-8, 231-240.

(Volum cotat ISI)

**V6 O.V. Iftime, A. Sandovici, G. Golo.**

*Tools for analysis of Dirac Structures on Banach Spaces.*

44th IEEE Conference on Decision and Control and European Control Conference,  
December 12-15, 2005, Sevilla, Spain, 3856-3861.

(Volum cotat ISI)

**V7 S. Hassi, A. Sandovici, H. de Snoo, H. Winkler.**

*Extremal extensions of nonnegative linear relations.*

Proceedings of AIT05, May 16-18, 2005, Vaasa, Finland, 57-66.

**V8 A. Sandovici, H. de Snoo, H. Winkler.**

*Ascent, descent, nullity, and defect for linear relations.*

Proceedings of AIT05, May 16-18, 2005, Vaasa, Finland, 177-184.

**V9 A. Sandovici.**

*Canonical regular extensions of symmetric linear relations.*

Proceedings of the 20<sup>th</sup> Conference in Operator Theory, June 30 - July 5, 2004,  
Timisoara, Romania, Theta Publishing House, 207-221.

**V10 A. Sandovici.**

*A class of solutions for EYM equations.*

Proceedings of BGL3, Targu Mures, Romania (2002), 25-30.  
(Volum ISI)

**V11 A. Sandovici.**

*Differential operators on bundle of accelerations in homogeneous approach.*

Proceedings of the Centennial "G. Vranceanu", Part II (Bucharest, 2000).  
An. Univ. Bucure sti Mat. Inform. 50 (2001), no. 2, 163-172.

V12 A. Sandovici.

Rheonomic Gauge-Invariant Lagrangians,  
Proceedings of the 7-th Conference on Applied and Industrial Mathematics,  
CAIM' 99,  
University of Pitesti, October, 15-17, 1999, 199- 211.

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Candidat,

Sandovici Valerica-Adrian



