

LISTA PUBLIKACJI 1998 LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. D.Aoki, Y.Katayama, S.Nojiri, R.Settai, Y.Inada, K.Sugiyama, Y.Önuki, H.Harima, **Z. KLETOWSKI**,
Antiferroquadrupolar Ordering and FERMI Surface Property in PrPb₃.
In: *Japanese Journal of Applied Physics, Series 11.*, ed. by *** (Tokyo: The Institute of Pure and Applied Physics, 1999) pp.188–90.
2. **E. GAŁDECKA**,
X-ray Diffraction Methods: Single Crystal.
In: *International Tables for Crystallography, Vol. C*, 2nd ed., ed. by E. Prince & A.J.C. Wilson (Dordrecht: Kluwer Acad. 1998) Ch. 5.3, pp.501–31.
3. **M. KAZIMIERSKI** (Editor)
Proceedings of 11th Seminar on Phase Transitions & Critical Phenomena (Wrocław & Polanica Zdrój, Poland, May 1998) (Wrocław: Inst. of Low Temperature and Structure Research, 1998) 198 pp.
4. **K. MARUSZEWSKI**,
Spektroskopia aktywowanych zeolitów i materiałów zol–żelowych. [Spectroscopic Investigation of Activated Molecular Sieves and Sol–Gel Materials.] (Wrocław: Instytut Niskich Temperatur i Badań Strukturalnych., 1998) 126 pp [in Polish].
5. **W. SUSKI**, T.Palewski,
[1 Magnetic and Related Properties of Pnictides and Chalcogenides.
1.2 Pnictides and chalcogenides based on lanthanides.]
1.2.1 **Lanthanide mononictides**.
In: *Landolt–Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 27: *Magnetic Properties of Non-Metallic Inorganic Compounds Based on Transition Elements*, Subvol. B1: *Pnictides and Chalcogenides I*, ed. by H.P.J. Wijn (Berlin: Springer-Vg 1998) pp. 1–428.
6. **W. SUSKI**, T.Palewski,
[1 Magnetic and Related Properties of Pnictides and Chalcogenides.
1.2 Pnictides and chalcogenides based on lanthanides.]
1.2.2 **Lanthanide monochalcogenides**.
In: *Landolt–Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 27: *Magnetic Properties of Non-Metallic Inorganic Compounds Based on Transition Elements*, Subvol. B2: *Pnictides and Chalcogenides II*, ed. by H.P.J. Wijn (Berlin: Springer-Vg 1998) pp. 1–434.

ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

7. A.V.Andreev, S.M.Zadvorkin, M.I.Bartashevich, T.Goto, J.Kamarád, Z.Arnold, **H. DRULIS**,
Magnetic and Magnetoelastic Properties of β -UH₃.
J. Alloy. Compd. **267**_{1/2} (1998) 32–6. [\[DOI\]](#)

8. K.T.Antonova, **М.К. MARCHEWKA**, E.Kowalska, P.Byszewski,
Deformation of Guest Molecules in the C₆₀-Based Mixed Crystals.
Vibr. Spectr. **16**₁ (1998) 31–4. [\[DOI\]](#)
9. D.Aoki, Y.Katayama, R.Settai, Y.Inada, Y.Önuki, H.Harima, **Z. KLETOWSKI**,
DE HAAS – VAN ALPHEN Effect and [the] Antiferroquadrupolar Ordering of PrPb₃.
J. Magn. Magn. Mater. **177-81** (1998.01) 365–6 [pt I]. [\[DOI\]](#)
[14th] Int.Conf.on Magnetism, CAIRNS, Qld, AU, 1997.07 27 –.08 01
10. В.Е.Архипов, В.П.Дякина, **Ј. КЛАМУТ**, Я.М.Муковский, В.Е.Старцев, **А. CZOPNIK**,
Влияние режимов охлаждения в магнитном поле на намагниченность монокристалла La_{0.9}Sr_{0.1}MnO₃. [Effect of Regimes of Cooling in a Magnetic Field on the Magnetization of a La_{0.9}Sr_{0.1}MnO₃ Single Crystal.]
Письма в ЖЭТФ **68**₁ (1998) 39–43 [in Russian]. Engl.in: *JETP Lett.* **68**₁ (1998) 42–46. [\[DOI\]](#)
11. И.Л.Арутюнян, В.Н.Богомолов, Н.Ф.Картенко, Д.А.Курдюков, Л.С.Парфеньева, И.А.Смирнов, Н.В.Шаренкова, **А. JEŻOWSKI**, **Ј. МУЧА**, **Н. MISIOREK**,
Необычное поведение теплопроводности нанокompозита. Кристаллический NaCl в опале. [Unusual Behavior of Conductivity of a Crystalline-NaCl–Opal Nanocomposite.]
Физ. Тверд. Тела **40**₂ (1998) 379–80 [in Russian]. Engl.in: *Phys. Solid State* **40**₂ (1998) 348–9. [\[DOI\]](#)
12. S.Åsbrink[†], **А. WAŚKOWSKA**, J.Staun Olsen, L.Gerward,
High-Pressure Phase of the Cubic Spinel NiMn₂O₄.
Phys. Rev. B **57**₉ (1998) 4972–4. [\[DOI\]](#)
13. **К. BALCEREK**, **R. WAWRYK**, **Cz. MARUCHA**, **К. DURCZEWSKI**, Z.G.Ivanova,
Electrical Resistivity and Thermoelectric Power of Polycrystalline and Amorphous Se–Te–Cu System.
Cryogenics **38**₁₂ (1998) 1233–6. [\[DOI\]](#)
14. S.Baran, M.Hofmann, J.Leciejewicz, B.Penc, P.Starewicz, N.Stüßer, A.Szytuła, **А. ZYGMUNT**,
Magnetic Phase Diagram of the HoRh_{2-x}Ro_xSi₂ Solid Solution.
J. Phys. Cond. Matt. **10**₂₈ (1998) 6367–80. [\[DOI\]](#)
15. **Ј. BARAN**, **М.К. MARCHEWKA**, **М. DROZD**, Z.Czapla,
Vibrational and DSC Investigations of the (NH₄)₄H₂(SeO₄)₃ Crystal.
Pol. J. Chem. **72**₂ (1998) 355–67.
16. H.Barańska, J.Kuduk-Jaworska, **Ј. BARAN**,
RAMAN Study of Platinum Anticancer Drugs.
Asian J. Phys. **7**₂ (1998) 265–74.
17. L.E.Batay, A.A.Demidovich, A.N.Kuz'min, G.I.Ryabtsev, **W. STREK**, A.N.Titov,
Passive Q-Switching of Laser Diode Pumped LBGМ:Nd Laser.
Spectrochim. Acta A **54**₁₃ (1998) 2117–20. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
18. G.Bator, **Ј. BARAN**, R.Jakubas, M.Karbowiak,
RAMAN Studies of Structural Phase Transition in Cs₃Bi₂Br₉.
Vibr. Spectr. **16**₁ (1998) 11–20. [\[DOI\]](#)
19. G.Bator, **Ј. BARAN**, R.Jakubas, L.Sobczyk,
The Structure and Vibrational Spectra of Some Ferroelectric and Ferroelastic Alkylammonium Halogenoantimonates(III) and Bismutates(III).
J. Mol. Struct. **450**_{1–3} (1998) 89–100. [\[DOI\]](#)
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01

20. W. Bażela, N. Stüßer, A. Szytuła, **A. ZYGMUNT**,
Magnetic Structure of TbIrSi₃.
J. Alloy. Compd. **275-7** (1998.07) 578–82. [DOI]
3rd Int. Conf. on f-Elements, PARIS, FR, 1997.09 14–18
21. F. Beuneu, P. Vajda, **O.J. ŻOGAŁ**,
Observation of Micrometer Size Li-Metal Colloids in Electron-Irradiated Li₂O Crystals.
Nucl. Instr. Meth. B **141**_{1–4} (1998) 241–5. [DOI]
9th Int. Conf. on Radiation Effects in Insulators, KNOXVILLE, TN, US, 1997.09 14–19
22. D. Biały, A. Derkacz, H. Nowosad, M. Zabel, E. Gębarowska, **W. STRĘK**, C. Szafranski, A. Sieroń,
Stymulujący wpływ niskoenergetycznego promieniowania laserowego na komórki śródbłonna. Doniesienie wstępne. [Stimulating Influence of Low-Energy Laser Radiation on Endothelium Cells. Preliminary Report.]
Acta Bio-Opt. Inf. Med. **4**₁ (1998) 7–9 [in Polish].
23. В.Н. Богомолов, Н.Ф. Картенко, Л.С. Парфеньева, А.В. Прокофьев, И.А. Смирнов,
H. MISIOREK, J. MUCHA, A. JEŻOWSKI,
Теплопроводность трехмерных регулярных структур кристаллического и аморфного селена, введенного в поры синтетического опала. [Heat Conductivity of Three-Dimensional Regular Structures of Crystalline and Amorphous Selenium Incorporated in Voids of Synthetic Opal.]
Физ. Тверд. Тела **40**₃ (1998) 573–6 [in Russian]. Engl. in: *Phys. Solid State* **40**₃ (1998) 528–31. [DOI]
24. H.N. Bordallo, H. Nakotte, J. Eckert, A.V. Kolomiets, L. Havela, A.V. Andreev, **H. DRULIS**,
W. IWASIECZKO,
Hydrogen-Induced Changes in the Structural and Magnetic Properties of TbNiAl.
J. Appl. Phys. **83**₁₁ (1998) 6986–8 [pt II]. [DOI]
7th Joint Magnetism & Magnetic Materials + INTERMAG Conf., SAN FRANCISCO, CA, US, 1998.01 06–09
25. **E. BOROŃSKI, H. STACHOWIAK**,
Positron–Electron Correlation Energy in an Electron Gas According to the Perturbed-Hypernetted-Chain Approximation.
Phys. Rev. B **57**₁₁ (1998) 6215–8. [DOI]
26. E. Carlon, **A. DRZEWIŃSKI**,
Phase Coexistence in Confined ISING Systems: A Density Matrix Renormalization Approach.
Fluid Phase Equil. **150/151** (1998.09) 583–9. [DOI]
13th Symp. on Thermophysical Properties, BOULDER, CO, US, 1997.06 22–27
27. E. Carlon, **A. DRZEWIŃSKI**,
Critical Point Shift in a Fluid Confined between Opposing Walls.
Phys. Rev. E **57**₃ (1998) 2626–33. [DOI]
28. E. Carlon, **A. DRZEWIŃSKI**, J. Rogiers,
Anomalous Corrections to the KELVIN Equation at Complete Wetting: the Two-Dimensional ISING Model.
Phys. Rev. B **58**₈ (1998) 5070–7. [DOI]
29. J. Chrzanowski, **R. KLIMKIEWICZ**, A.W. Morawski,
Thermally Stimulated Electron Emission from K–Bi–GICs.
Acta Phys. Pol. A **93**₃ (1998) 531–7.
30. P. Ciapała, R. Jakubas, G. Bator, **A. PIETRASZKO**, B. Kosturek,
Phase Transitions in the Ferroelastic [P(CH₃)₄]SbCl₆ Crystal.
J. Phys. Cond. Matt. **10**₂₄ (1998) 5439–47. [DOI]
31. **T. CICHOREK, Z. HENKIE, H. DRULIS, J. KLAMUT**,
The Change of T_c^{onset} in YBa₂Cu₃O_{7-y} Due to Hydrogenation.
Physica C **301**_{1/2} (1998) 17–22. [DOI]

32. S.Cottenier, S.Demuynck, **D. KACZOROWSKI**, J.C.Spirlet, J.Meersschaut, M.Rots,
The Magnetic Structure of UIn₃:PAC on a Polycrystal.
J. Phys. Cond. Matt. **10**₃₇ (1998) 8381–7. [\[DOI\]](#)
33. **M. CZAPELSKI**,
Variable Equilibrium Partition Coefficient.
J. Cryst. Growth **187**₁ (1998) 138–9. [\[DOI\]](#)
34. B.Dabrowski, **K. ROGACKI**, X.Xiong, **P.W. KLAMUT**, R.Dybzinski, J.Shaffer, J.D.Jorgensen,
Synthesis and Properties of the Vacancy-Free La_{1-x}Ba_xMnO₃.
Phys. Rev. B **58**₅ (1998) 2716–23. [\[DOI\]](#)
35. N.A.Davydova, V.V.Tishchenko, **J. BARAN**, M.Vlček,
Photoinduced Reversible Changes in Local Bonding Configuration of Amorphous Ge–S Thin Films.
J. Mol. Struct. **450**_{1–3} (1998) 117–20. [\[DOI\]](#)
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
36. A.A.Demidovich, A.N.Kuz'min, G.I.Ryabtsev, **W. STRĘK**, A.N.Titov,
A 1.35 μm Laser Diode Pumped Continuous Wave KGW:Nd Laser.
Spectrochim. Acta A **54**₁₁ (1998) 1711–3. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
37. **P.J. DEREŃ**, M.Karbowiak, J.-C.Krupa, J.Drożdżyński,
Spectroscopic Properties of U³⁺ Ions in a ZnCl₂-Based Glass.
J. Alloy. Compd. **275-7** (1998.07) 393–7. [\[DOI\]](#)
3rd Int.Conf.on f-Elements, PARIS, FR, 1997.09 14–18
38. **P.J. DEREŃ**, J.-C.Krupa, M.Yin, M.-F.Joubert, **W. STRĘK**,
Green Emission of LaCl₃:U³⁺ Produced by Red Laser Pulse.
Spectrochim. Acta A **54**₁₃ (1998) 2105–8. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
39. **P.J. DEREŃ**, **W. STRĘK**, J.-C.Krupa,
Visible Anti-STOKES Emission of Gd³⁺ in Cs₂NaGdCl₆ Crystal.
Chem. Phys. Lett. **298**_{1–3} (1998) 217–21. [\[DOI\]](#)
40. **G. DOMINIAK-DZIK**, **S. GOŁĄB**, **J. ZAWADZKA**, **W. RYBA-ROMANOWSKI**, T.Łukasiewicz,
M.Świrkowicz,
Spectroscopic Properties of Holmium Doped LiTaO₃ Crystals.
J. Phys. Cond. Matt. **10**₄₅ (1998) 10 291–306. [\[DOI\]](#)
41. **G. DOMINIAK-DZIK**, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, M.Berkowski,
Growth and Optical Study of Neodymium-Doped LaGaO₃ Crystal.
Spectrochim. Acta A **54**₁₃ (1998) 2051–6. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
42. **H. DRULIS**, **L. FOLCIK**, **M. DRULIS**,
**The Magnetic Flux Distribution around Bi2212 Superconducting Single Crystal:
The Paramagnetic Resonance Technique.**
J. Appl. Phys. **84**₃ (1998) 1481–4. [\[DOI\]](#)
43. **H. DRULIS**, **L. FOLCIK**, **M. DRULIS**, **A. ZALESKI**, N.M.Suleimanov,
**Determination of the Magnetic Field Distribution in the Bi2212 Superconducting Single Crystal
by the Scanning EPR-Probe.**
Acta Phys. Pol. A **93**₂ (1998) 403–7.
1st Int.Symp.on Scanning Probe Spectroscopy & Related Methods, POZNAŃ, PL, 1997.07 15–18

44. **A. DRZEWIŃSKI**, A.Ciach, A.Maciołek,
Competing Bulk and Surface Fields in $d = 2$ ISING Films Near Bulk Criticality: Effects of Fluctuations.
Eur. Phys. J. B **5**₃ (1998) 825–33. [\[DOI\]](#)
45. **M. DUDZIŃSKI**, **J. SZNAJD**,
Porządek kwadrupolowy w ferromagnetyku z polem krystalicznym o symetrii kubicznej.
 [Quadrupolar Order in a Ferromagnet of Regular Symmetry of Crystal Field.]
Dział. Nauk. PAN Nr 6 (1998) 95–6 [in Polish].
46. **M. DUDZIŃSKI**, **J. SZNAJD**,
Quadrupolar Order in the $S = 2$ HEISENBERG Ferromagnet with the Single-Ion Cubic Anisotropy.
Eur. Phys. J. B **5**₃ (1998) 745–50. [\[DOI\]](#)
47. P. de V. du Plessis, A.M.Strydom, **T. CICHOREK**, **R. TROĆ**, E.M.Levin,
Low-Temperature Studies of Non-FERMI Liquid UCu_{5-x}Pd_x.
J. Magn. Magn. Mater. **177-81** (1998.01) 457–8 [pt I]. [\[DOI\]](#)
 [14th] *Int.Conf.on Magnetism*, CAIRNS, Qld, AU, 1997.07 27 –.08 01
48. **K. DURCZEWSKI**, A.Krzywicki,
Enhanced Thermoelectric Power and Cooling Ability Near the ANDERSON Transition.
Phys. Rev. B **58**₁₆ (1998) 10 302–6. [\[DOI\]](#)
49. **K. EJSMONT**, **R. KUBIAK**,
Iodo (Phthalocyaninato) Vanadium(III).
Acta Cryst. C **54**₁₂ (1998) 1844–6. [\[DOI\]](#)
50. H.Flandorfer, **D. KACZOROWSKI**, J.Gröbner, P.Rogl, R.Wouters, C.Godart, A.Kostikas,
The Systems Ce–Al–(Si,Ge): Phase Equilibria and Physical Properties.
J. Solid State Chem. **137**₂ (1998) 191–205. [\[DOI\]](#)
51. Yu.A.Freiman, S.Tretyak, **A. JEŻOWSKI**,
Reentrant Orientational Phase Transitions and Critical Points at Quantum Orientational Melting.
J. Low Temp. Phys. **110**_{1/2} (1998) 147–52. [\[DOI\]](#)
Int.Symp.on Quantum Fluids and Solids, PARIS, FR, 1997.07 21–26
52. Yu.A.Freiman, S.Tretyak, **A. JEŻOWSKI**,
On Theory of the Phase Transitions in Solid Hydrogen under Pressure. Reentrant Behavior and Critical Points.
J. Low Temp. Phys. **111**_{3/4} (1998) 475–82. [\[DOI\]](#)
Int.Conf.on Cryocrystals and Quantum Crystals, POLANICA-Zdrój, PL, 1997.09 07–12
53. Yu.A.Freiman, S.M.Tretyak, **A. JEŻOWSKI**, R.J.Hemley,
Broken Symmetry Phase Transition in Solid HD: A Manifestation of Quantum Orientational Melting.
Fiz. Nizk. Temp. **24**₇ (1998) 683–8. Also in: *Low Temp. Phys.* **24**₇ (1998) 518–22. [\[DOI\]](#)
54. Yu.A.Freiman, S.M.Tretyak, **A. JEŻOWSKI**, R.J.Hemley,
Broken Symmetry Phase Transition in Solid HD: Quantum Behavior at Very High Pressures.
J. Low Temp. Phys. **113**_{5/6} (1998) 723–8. [\[DOI\]](#)
Int.Semin.on Quantum Fluids & Solids, AMHERST, MA, US, 1998.06 09–14
55. V.E.Gaishun, I.M.Melnichenko, **W. STRĘK**,
Sol–Gel Method Preparation of Silica Burnishing Powder for Final Polishing of Mono-crystal Silicon Wafers.
Ceramics Nr 57 & *Pol. Cer. Bull.* Nr 19 (1998) 127–30.
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA POREĘBA, PL, 1998.10 02–05

56. V.E.Gaishun, O.I.Tulenkova, I.M.Melnichenko, **W. STREK**,
Sol-Gel Preparation and Investigation of Spherical SiO₂ Particles.
Ceramics Nr 57 & *Pol. Cer. Bull.* Nr 19 (1998) 123–5.
 4th Int.Semin.on Porous and Special Glasses, SZKLARSKA POREBA, PL, 1998.10 02–05
57. **Z. GAJEK**, J.C.Krupa,
Strong Crystal Field Effect in Np⁴⁺ :ThCl₄ – Optical Absorption Study.
J. Phys. Cond. Matt. **10**₅₀ (1998) 11 841–55. [DOI]
58. **E. GAŁDECKA**, Z.Gałdecki, P.Gawryszewska, J.Legendziewicz,
Structure of Two Novel Binuclear Complexes of Eu^{III} Containing Bridging DL- and L- α -Alaninehydroxamic Acids.
New J. Chem. **22**₉ (1998) 941–5. [DOI]
59. T.Gavrilko, **M. DROZD**, G.Puchkovskaya, A.Naumovets, Z.Tkachenko, L.Viduta, **J. BARAN**,
H. RATAJCZAK,
Structural Phase Transitions in Organized Organic Thin Films Built of Alkali Stearate.
J. Mol. Struct. **450**_{1–3} (1998) 135–9. [DOI]
 4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
60. B.Ya.Gorodilov, V.V.SUMAROKOV, **P. STACHOWIAK**, **A. JEŻOWSKI**,
Heat Transfer in Solid CH₄: Influence of an Atomic Impurity (Kr).
Phys. Rev. B **58**₆ (1998) 3089–93. [DOI]
61. **H. GRABOWSKA**, **R. KLIMKIEWICZ**,
Reactions of n-Butanol in the Presence of Dehydrogenating Iron Catalyst.
Pol. J. Chem. **72**₁ (1998) 141–5.
62. **H. GRABOWSKA**, L.Syper, **J. WRZYSZCZ**,
C-Alkylation of Methoxyphenols with Alcohols over an Iron Catalyst.
Res. Chem. Intermed. **24**₁ (1998) 47–53.
63. L.D.Gulay, V.I.Zaremba, Ya.M.Kalychak, **J. STEPIEŃ-DAMM**, N.O.Kobluck,
Interactions between the Components in the Zr–Cu–In System at 870 K.
Pol. J. Chem. **72**₃ (1998) 511–3.
64. L.D.Gulay, V.Zaremba, **J. STEPIEŃ-DAMM**, Ya.M.Kalychak,
Interactions between the Components in the Zr–Ag–In System at 870 K.
Pol. J. Chem. **72**₈ (1998) 1886–9.
65. **J. HANUZA**, A.Lemiec, J.Misiewicz,
Molecular Model of Lattice Vibrations in Zn₃P₂ .
Vibr. Spectr. **17**₁ (1998) 93–103. [DOI]
66. **J. HANUZA**, **M. MACZKA**, **A. WAŚKOWSKA**, **W. OGANOWSKI**, H.Ban-Oganowska, E.T.G.Lutz,
 J.H.van der Maas,
Effect of Intermolecular =C—H...O Interaction on the Crystal Structure and Vibrational Properties of 2,6-Dimethyl-4-Nitropyridine N-Oxide.
J. Mol. Struct. **450**_{1–3} (1998) 201–12. [DOI]
 4th Natl.Conf.on Molecular Spectroscopy (w.Int.Particip.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
67. R.Hauser, M.Galli, E.Bauer, A.Kottar, G.Hilscher, **D. KACZOROWSKI**,
Tuning of a Non-FERMI-Liquid State in CeNiGa₂ by Pressure and External Field.
J. Magn. Magn. Mater. **177-81** (1998.01) 292–3 [pt I]. [DOI]
 [14th] Int.Conf.on Magnetism, CAIRNS, Qld, AU, 1997.07 27 –.08 01

68. **Z. HENKIE, T. CICHOREK, A. PIETRASZKO, R. FABROWSKI, A. WOJAKOWSKI, B.S.Kuzhel, L. KĘPIŃSKI, L. KRAJCZYK, A.Gukasov, P. WIŚNIEWSKI,**
On the Origin of the Impurity KONDO-Like Resistivity Component of UAsSe Ferromagnet.
J. Phys. Chem. Solids **59**₃ (1998) 385–93. [\[DOI\]](#)
69. J.Hölsä, R.-J.Lamminmäki, M.Lastusaari, E.Säilynoja, P.Porcher, **P. DEREŃ, W. STRĘK,**
Parametric Analysis of the Energy Level Scheme of Pr³⁺ in La₂O₂CN₂.
Spectrochim. Acta A **54**₁₃ (1998) 2065–9. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
70. J.Hölsä, R.-J.Lamminmäki, P.Porcher, **P. DEREŃ, W. STRĘK,**
Optical Properties of the Dy³⁺ Ion in DyOCl.
Spectrochim. Acta A **54**₁₃ (1998) 2189–95. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
71. **J.M. JABŁOŃSKI, M. WOŁCYRZ, L. KRAJCZYK,**
On the Cobalt Silicate Formation During High-Temperature Calcination of Impregnated Cobalt/Silica Catalysts.
J. Catal. **173**₂ (1998) 530–4. [\[DOI\]](#)
72. R.Jakubas, P.Ciapała, **A. PIETRASZKO, J.Zaleski, J.Kusz,**
Structure and Phase Transitions in [C(NH₂)₃]SbCl₆ Crystals.
J. Phys. Chem. Solids **59**₈ (1998) 1309–19. [\[DOI\]](#)
73. **J. JANCZAK,**
Spectroscopic Properties of New Indium(III) Phthalocyanine Complexes.
Pol. J. Chem. **72**₈ (1998) 1871–8.
74. **J. JANCZAK, R. KUBIAK, F.Hahn,**
Mixed Valence, Tetradisordered Structure of Iodine-Doped Bismuth(III) Diphthalocyanine.
Inorg. Chim. Acta **281**₂ (1998) 195–200. [\[DOI\]](#)
75. **A. JEŻOWSKI, R.Poprawski, J.Mróz,**
Thermal Conductivity Anomalies in (CH₃NH₃)₅Bi₂Br₁₁ Ferroelectric Crystals.
J. Korean Phys. Soc. **32** Suppl. (1998) S210–11.
 9th Int.Meet.on Ferroelectricity, SEOUL, KO, 1997.08 24–29
76. J.Jóźków, G.Bator, R.Jakubas, **J. BARAN,**
On Structural Phase Transitions in (*i*-C₄H₉NH₃)₃Bi₂Br₉: Differential Scanning Calorimetry, Dielectric and Infrared Studies.
J. Mol. Struct. **450**_{1–3} (1998) 247–57. [\[DOI\]](#)
 4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCŁAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
77. **D. KACZOROWSKI, P.W. KLAMUT, A. CZOPNIK, A. JEŻOWSKI,**
Unusual Magnetic Properties of UGa₃ Single Crystals.
J. Magn. Magn. Mater. **177-81** (1998.01) 41–2 [pt I]. [\[DOI\]](#)
 [14th] Int.Conf.on Magnetism, CAIRNS, Qld, AU, 1997.07 27 –.08 01
78. **D. KACZOROWSKI, R.Kruk, J.P.Sanchez, B.Malaman, F.Wastin,**
Magnetic and Electronic Properties of Ternary Uranium Antimonides UTSb₂ (*T* = 3d-, 4d-, 5d-Electron Transition Metal).
Phys. Rev. B **58**₁₄ (1998) 9227–37. [\[DOI\]](#)
79. E.Kalecińska, **J. KALECIŃSKI, F.P.Pruchnik,**
Radiation Reduction of Binuclear Rh(II) Complexes in Aqueous–Methanol Solutions.
J. Radioanal. Nucl. Chem. **232**_{1/2} (1998) 97–101. [\[DOI\]](#)

80. **J. KALECIŃSKI**,
Radiation Reduction of Cr, Mo and W Isopolymetalates in Aqueous System.
J. Radioanal. Nucl. Chem. **232**_{1/2} (1998) 87–90. [DOI]
81. Я.М.Калычак, В.И.Заремба, **J. STĘPIEŃ-DAMM**, Я.В.Галаджун, Л.Г.Аксельруд,
Кристаллическая структура соединения $\text{Sm}_{12}\text{Ni}_6\text{In}$ и родственных соединений.
 [Crystal Structure of $\text{Sm}_{12}\text{Ni}_6\text{In}$ and Related Compounds.]
Кристаллография **43**₁ (1998) 17–20 [in Russian]. Engl. in: *Crystallogr. Rep.* **43**₁ (1998) 12–15.
82. M.Karbowiak, J.Drożdżyński, S.Hubert, E.Simoni, **W. STRĘK**,
Analysis of Absorption and Luminescence Spectra of U^{3+} -Doped $\text{Cs}_2\text{NaYCl}_6$ and $\text{Cs}_2\text{LiYCl}_6$ Single Crystals.
J. Chem. Phys. **108**₂₄ (1998) 10 181–8. [DOI]
83. M.Karbowiak, N.Edelstein, **Z. GAJEK**, J.Drożdżyński,
Crystal-Field Analysis of U^{3+} Ions in K_2LaX_5 ($X = \text{Cl, Br, or I}$) Single Crystals.
Spectrochim. Acta A **54**₁₃ (1998) 2035–44. [DOI]
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
84. A.V.Kirschner, T.Luxbacher, H.P.Fritzer, B.Koppelhuber-Bitschnau, **B. NISSEN**, C.D.Flint,
Spectroscopy of Hexanitritoelpasolite Crystals: The Effect of the Rare-Earth Ion on the Progression in the Nitrite Vibration.
Spectrochim. Acta A **54**₁₃ (1998) 2045–50. [DOI]
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
85. **P.W. KLAMUT**, **K. ROGACKI**, B.Dabrowski,
Irreversibility Fields and Critical Currents for Pure and Y-Substituted $\text{La}_{1.82}\text{Ca}_{1.18}\text{Cu}_2\text{O}_6$ Superconductors.
Solid State Commun. **108**₇ (1998) 425–8. [DOI]
86. **P.W. KLAMUT**, **K. ROGACKI**, **A. SIKORA**, B.Dabrowski,
Low Temperature Irreversibility in the Magneto-thermal Behavior of Gd_2CuO_4 .
J. Appl. Phys. **84**₉ (1998) 5129–33. [DOI]
87. **Z. KLETOWSKI**,
High Field Magnetoresistance of Some $RE\text{In}_3$ Compounds, $RE = \text{La, Ce, Pr, and Sm}$.
J. Magn. Magn. Mater. **186**_{1/2} (1998) L7–9. [DOI]
88. **Z. KLETOWSKI**, **P. SŁAWIŃSKI**,
Quadrupole Scattering in Magnetoresistivity of PrPb_3 .
J. Magn. Magn. Mater. **182**₃ (1998) 389–92. [DOI]
89. B.Yu.Kotur, **D. BADURSKI**, **W. SUSKI**, **K. WOCHOWSKI**, A.Gilewski, T.Mydlarz,
Structure, Magnetic and Electrical Properties of $\text{ScFe}_x\text{Al}_{12-x}$ Alloys and Their Relation to the $\text{UF}_x\text{Al}_{12-x}$ System.
Physica B **254**_{1/2} (1998) 107–11. [DOI]
90. M.M.Kreevoy, S.Marimanikkuppam, V.G.Young, Jr., **J. BARAN**, M.Szafran, A.J.Schultz, F.Trouw,
The Proton Potential Function and Dynamics in Sodium Hydrogen bis(4-Nitrophenoxide) Dihydrate.
Ber. Bunsen-Ges. Phys. Chem. **102**₃ (1998) 370–6.
 Disc.Meet.of the Deutsche Bunsen-Gesellschaft für Physikalische Chemie: Hydrogen Transfer: Experiment and Theory, BERLIN, DE, 1997.09 10–13
91. **T. KRZYSZTOŃ**,
Intrinsic Pinning in Layered Antiferromagnetic Superconductor.
Physica C **294**_{1/2} (1998) 47–54. [DOI]

92. R. KUBIAK, K. EJSMONT,
(1,2-Benzenedicarbonitrile- κ N) Diiodo-(Phthalocyaninato- κ^4 N) Zirconium(IV).
Acta Cryst. C **54**₅ (1998) 572–4. [DOI]
93. R. KUBIAK, K. EJSMONT,
Magnesium Phthalocyanine – Formed and Complexed with 1,2-Dicyanobenzene.
Pol. J. Chem. **72**₉ (1998) 2198–201.
94. R. KUBIAK, M. RAZIK,
(Phthalocyaninato) Antimony Iodide.
Acta Cryst. C **54**₄ (1998) 483–5. [DOI]
95. F.Le Berre, C.Hamard, A.Foutel, E.Guignaud, A.Corrignan, O.Peña, A. WOJAKOWSKI,
Propriétés supraconductrices du binaire dopé (Mo₆Se₈)M_x ($x \leq 1$ at.%).
[Superconducting Properties of Doped Binary Compound (Mo₆Se₈)M_x ($x \leq 1$ at.%).]
Eur. Phys. J. Appl. Phys. **2**₁ (1998) 7–11 [in French]. [DOI]
96. F.Le Berre, O.Peña, C.Perrin, J.Padiou, R. HORYŃ, A. WOJAKOWSKI,
Novel Crystal Structure in the CHEVREL-Phase Compound EuMo₆Se₈.
Transport and Magnetic Properties.
J. Alloy. Compd. **280**_{1/2} (1998) 85–93. [DOI]
97. F.Le Berre, O.Peña, C.Perrin, M.Sergent, R. HORYŃ, A. WOJAKOWSKI,
Single Crystal Studies of the CHEVREL Phase Superconductor La_xMo₆Se₈.
I: Correlation Between T_c and the Interatomic Distances.
J. Solid State Chem. **136**₂ (1998) 151–9. [DOI] For II see: *ibid.*, pp.160–6. [O.Peña *et al.*]
98. J.Legendziewicz, P.Gawryszewska, E. GALDECKA, Z.Gałdecki,
Novel Polynuclear Compound of Europium with N-Phosphonomethylglycine:
Spectroscopy and Structure.
J. Alloy. Compd. **275-7** (1998.07) 356–60. [DOI]
3rd Int.Conf.on f-Elements, PARIS, FR, 1997.09 14–18
99. J.Legendziewicz, P.Gawryszewska, A. WAŚKOWSKA,
Spectroscopic Studies of Europium Compound with β -Alaninehydroxamic Acids.
Relation to the Structure.
Spectrochim. Acta A **54**₁₃ (1998) 2087–92. [DOI]
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
100. B. MACALIK, M.Siu-Li, S.Zazubovich,
ITC Study of Ga⁺-, GE²⁺-, and Sn²⁺-Doped Alkali Halides.
Radiat. Eff. Def. Solids **147**_{1/2} (1998) 11–6. [DOI]
Int.Symp.on Defect-Dependent Processes in Insulators and Semiconductors, SÃO PAULO, SP, BR, 1997.07 31 –.08 04
101. L. MACALIK, P.J. DEREŃ, J. HANUZA, W. STRĘK, A.A.Demidovich, A.N.Kuz'min,
Effect of Random Distribution and Molecular Interactions on Optical Properties of Er³⁺-Doped
in KY(WO₄)₂ and Ho³⁺ in KYb(WO₄)₂.
J. Mol. Struct. **450**_{1–3} (1998) 179–92. [DOI]
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
102. L. MACALIK, J. HANUZA, B. MACALIK, W. RYBA-ROMANOWSKI, S. GOŁĄB,
A. PIETRASZKO,
Optical Spectroscopy of Dy³⁺ Ions Doped in KY(WO₄)₂ Crystals.
J. Lumin. **79**₁ (1998) 9–19. [DOI]
103. M. MAĆZKA, S.Kojima, J. HANUZA,
High-Temperature Phase Transition in a Layered Caesium–Bismuth Double Molybdate:
RAMAN Study of Lattice Modes.
J. Phys. Cond. Matt. **10**₃₆ (1998) 8093–101. [DOI]

104. **M. MAĆZKA**, S.Kojima, **J. HANUZA**,
Heat Capacity Measurements of the Normal–Incommensurate and Lock-in Transitions in $\text{KSc}(\text{WO}_4)_2$ and $\text{KSc}(\text{MoO}_4)_2$.
J. Phys. Chem. Solids **59**₉ (1998) 1429–32. [\[DOI\]](#)
105. G.E.Malashkevich, P.P.Pershukovich, M.A.Borc, L.N.Dmitruk, V.D.Fedorov, V.V.Sakharov, P.B.Baskov, **W. STRĘK**,
Spectral-Luminescent Properties of Zirconium Fluoride Glasses Doped with Holmium.
Ceramics Nr 57 & Pol. Cer. Bull. Nr 19 (1998) 131–3.
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA POREĘBA, PL, 1998.10 02–05
106. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, A.A.Boiko, V.E.Gaishun, A.V.Semchenko, **W. STRĘK**, **K. MARUSZEWSKI**,
Influence of Saturation with Hydrogen on the Structure and Spectroscopic Properties of Optical Centers in Co- and Cu-Containing Silica Gel-Glasses.
Spectrochim. Acta A **54**₁₁ (1998) 1751–3. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
107. **K. MARUSZEWSKI**, **M. JASIORSKI**, W.Wacławek, **W. STRĘK**, M.Lisowski,
Silicate Xerogels with Dopant-Induced Chirality.
J. Sol–Gel Sci. Technol. **13**_{1–3} (1998) 585–6. [\[DOI\]](#)
9th Int.Worksh.on Glasses, Ceramics, Hybrids & Nanocomposites from Gels, SHEFFIELD, Engl., UK, 1997.08 31 –.09 05
108. **K. MARUSZEWSKI**, A.Sidorowicz, A.Poła, **W. STRĘK**,
Effect of Phosphatydylcholine on Spectral Properties and Photostability of 3, 3'-Diethyloxidadicarbocyanine Iodide (DODCI) – A Potent Anti-Tumor Photosensitizer.
J. Mol. Struct. **444**_{1–3} (1998) 147–53. [\[DOI\]](#)
109. **K. MARUSZEWSKI**, A.Sidorowicz, A.Ulatowska, H.Podbielska, **W. STRĘK**,
Spectroscopic Studies of 5, 5'-Dimethoxy-3, 3'-Disulfobutyl-9-Ethylthiacarbocyanine (DDTC) in Solutions and Immobilized in Sol–Gel Matrices.
J. Mol. Struct. **450**_{1–3} (1998) 193–200. [\[DOI\]](#)
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
110. M.May, S.Debrus, J.Venturini, **J. BARAN**, **H. RATAJCZAK**,
Phase Matching for Second Harmonic Generation at 0.8716 μm in $\text{Na}_2\text{SeO}_4 \cdot \text{H}_2\text{SeO}_3 \cdot \text{H}_2\text{O}$ Crystal.
J. Mol. Struct. **450**_{1–3} (1998) 79–87. [\[DOI\]](#)
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
111. **H. MISIOREK**,
Electronic and Phonon Heat Transport of Niobium Hydrides.
High Temp. - High Press. **30**₂ (1998) 241–5. [\[DOI\]](#)
14th Eur.Conf.on Thermophysical Properties, LYON-Villeurbanne, FR, 1996.09 16–19
112. **T. MORAWSKA-KOWAL**, **B. MACALIK**,
Precipitation of Dopant Ions in $\text{NaCl}:\text{Eu}^{2+}$ Crystals.
Spectrochim. Acta A **54**₁₃ (1998) 2093–7. [\[DOI\]](#)
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
113. M.Nowak, R.Rutowski, **A. WYROSTEK**, **E. ŁUKOWIAK**, H.Podbielska,
Właściwości optyczne tkanek. [Optical Characteristics of Tissues.]
Acta Bio-Opt. Inf. Med. **4**₁ (1998) 11–8 [in Polish].
114. **W. OGANOWSKI**, **J. HANUZA**, **L. KĘPIŃSKI**,
Catalytic Properties of $\text{Mg}_3(\text{VO}_4)_2$ – MgO System in Oxidative Dehydrogenation of Ethylbenzene.
Appl. Catal. A **171**₁ (1998) 145–54. [\[DOI\]](#)

115. **W. OGANOWSKI, J. HANUZA, L. KĘPIŃSKI, W. MIŚTA, M. MAĆZKA, A. WYROSTEK, Z. BUKOWSKI,**
New Intermediate Phases in Formation at V–Mg–O Catalyst.
J. Mol. Catal. A **136**₁ (1998) 91–104. [DOI]
116. **J. OKAL, H. KUBICKA,**
Influence of Oxidation–Reduction Treatment on Activity and Selectivity of Re Supported on γ -Alumina.
Appl. Catal. A **171**₂ (1998) 351–9. [DOI]
117. **J. Onsgaard, P.J. GODOWSKI, J. Nerlov, S. Quist, S.V. Hoffmann,**
Interactions between H, CO and CO₂ on an K-Modified Cu(110) Surface.
Surf. Sci. **398**₃ (1998) 318–31. [DOI]
118. **A. Pawlukojć, I. Natkaniec, E. Grech, J. BARAN, Z. Malarski, L. Sobczyk,**
Incoherent Inelastic Neutron Scattering, RAMAN and IR Absorption Studies on 1,8-bis(Dimethylamino) Naphthalene and Its Protonated Forms.
Spectrochim. Acta A **54**₁₃ (1998) 439–48. [DOI]
119. **M. Petrov, K. Antonova, N. Kirov, H. RATAJCZAK, J. BARAN,**
Conformational Order–Disorder Transitions in Dimerized Nematics Indicated by Far-IR Spectroscopy.
J. Mol. Struct. **444**_{1–3} (1998) 91–8. [DOI]
120. **O. Peña, F. Le Berre, J. Padiou, T. Marchand, R. HORYŃ, A. WOJAKOWSKI,**
Single Crystal Studies of the CHEVREL-Phase Superconductor La_xMo₆Se₈. II: Physical and Superconducting Properties.
J. Solid State Chem. **136**₂ (1998) 160–6. [DOI] For I see: *ibid.*, pp. 151–9. [F. Le Berre *et al.*]
121. **T. PLACKOWSKI, A. JEŻOWSKI, CZ. SUŁKOWSKI, D. WŁOSEWICZ, H. MISIOREK,**
Thermal Transport in Sm_{1+x}Ba_{2-x}Cu₃O_y Solid Solution.
Physica C **306**_{1/2} (1998) 58–66. [DOI]
122. **T. PLACKOWSKI, N.I. Sorokina, D. WŁOSEWICZ,**
Order–Disorder Phase Transitions in NbH_{0.86}.
J. Phys. Cond. Matt. **10**₆ (1998) 1259–66. [DOI]
123. **T. PLACKOWSKI, CZ. SUŁKOWSKI, D. WŁOSEWICZ, J. WNUK,**
Effect of the RE³⁺ Ionic Size on the REBa₂Cu₃O_{7-y} Ceramics Oxygenated at 250 bar.
Physica C **300**_{3/4} (1998) 184–90. [DOI]
124. **H. Podbielska, W. STREK,**
Laser-Induced Anti-STOKES Luminescence for Protection of Documents and Security Papers.
Proc. SPIE **3314** (1998.04) 247–52. [DOI]
2nd Int. Conf. on Optical Security and Counterfeit Deterrence Techniques, SAN JOSE, CA, US, 1998.01 28–30
125. **D. POTOCZNA-PETRU,**
Effect of Thermal Treatment in H₂ on Co Films Supported on Silica and Carbon.
Mater. Chem. Phys. **55**₃ (1998) 224–8. [DOI]
126. **D. POTOCZNA-PETRU, J.M. JABŁOŃSKI, J. OKAL, L. KRAJCZYK,**
Influence of Oxidation–Reduction Treatment on the Microstructure of Co/SiO₂ Catalyst.
Appl. Catal. A **175**_{1/2} (1998) 113–20. [DOI]
127. **A.В. Прокофьев, И.А. Смирнов, W. Assmus, F. Bullesfeld, A. JEŻOWSKI,**
Теплопроводность монокристалла (VO)₂P₂O₇. [Thermal Conductivity of Single Crystal VO₂P₂O₇.]
Физ. Твёрд. Тела **40**₁₁ (1998) 2093–4 [in Russian]. Engl. in: *Phys. Solid State* **40**₁₁ (1998) 1896–7. [DOI]

128. Yu.M.Prots', P.S.Salamakha, O.I.Bodak, V.A.Yartys', **J. STĘPIEŃ-DAMM**,
Crystal Structure of Hexaneodymium Tridecairon Stannide, Nd₆Fe₁₃Sn.
Z. Krist. NCS **213**₂ (1998) 447.
129. F.P.Pruchnik, P.Smoleński, **E. GALDECKA**, Z.Galdecki,
New Water-Soluble Rhodium(I) Complexes Containing
1-Methyl-1-Azonia-3,5-Diaza-7-Phosphaadamantane Iodide.
New J. Chem. **22**₁₂ (1998) 1395–8. [DOI]
130. A.Rassili, **K. DURCZEWSKI**, M.Ausloos,
Crystal Field Effects on the Theoretical Conductivity of Localized Spin Metallic Compounds.
Phys. Rev. B **58**₉ (1998) 5665–71. [DOI]
131. **A. RUBASZEK**, Z.Szotek, W.M.Temmerman,
Nonlocal Electron–Positron Correlations in Solids within the Weighted Density Approximation.
Phys. Rev. B **58**₁₇ (1998) 11 285–302. [DOI]
132. **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**,
Optical Spectra of Yb³⁺ and Yb³⁺–Nd³⁺ Interaction in Cs₂NaNd_{0.4}Yb_{0.6}Cl₆.
J. Mol. Struct. **450**_{1–3} (1998) 223–8. [DOI]
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
133. **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, **G. DOMINIĄK-DZIK**, **W.A. PISARSKI**, M.Berkowski,
J.Fink-Finowicki,
Growth and Spectroscopy of Chromium-Doped SrXGa₃O₇ (X = La, Gd) Crystals.
Spectrochim. Acta A **54**₁₃ (1998) 2071–5. [DOI]
4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
134. **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, **G. DOMINIĄK-DZIK**, **W.A. PISARSKI**, D.Podsiadła,
Z.Czapła,
Optical Spectroscopy of Chromium-Doped (CH₃)₂NH₂X(SO₄)₂ · 6H₂O (X = Al, Ga).
J. Mol. Struct. **450**_{1–3} (1998) 219–22. [DOI]
4th Natl.Conf.on Molecular Spectroscopy (w.Int.Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –.10 01
135. D.P.Savin, S.A.Gevelyuk, Ya.O.Roizin, **E. MUGEŃSKI**, **I. SOKÓLSKA**,
Comparison of Some Properties of Nanosized Silicon Clusters in Porous Glasses.
Appl. Phys. Lett. **72**₂₃ (1998) 3005–7. [DOI]
136. В.А.Шабуров, А.Е.Совестнов, Ю.Л.Смирнов, А.В.Тюнис, **H. DRULIS**, **M. DRULIS**,
Электронная структура Ce и Sm в гидридах и 4f-коллапс в YbH₃.
[Electronic Structure of Ce and Sm, and 4f-Collapse in YbH₃.]
Физ. Твёрд. Тела **40**₈ (1998) 1393–6 [in Russian]. Engl. in: *Phys. Solid State* **40**₈ (1998) 1265–8. [DOI]
137. A.Shengelaya, C.M.Aegerter, S.Romer, H.Keller, **P.W. KLAMUT**, R.Dybzinski, B.Dabrowski,
I.M.Savić, **J. KLAMUT**,
Muon-Spin-Rotation Measurements of the Penetration Depth in YBa₂Cu₄O₈ Family
of Superconductors.
Phys. Rev. B **58**₆ (1998) 3457–61. [DOI]
138. A.Ślebarski, A.Jeziarski, **A. ZYGMUNT**, S.Mähl, M.Neumann,
Suppression of the Gap Energy in Zr–Ni–Sn and Ti–Ni–Sn by Partial Substitution of Zr and Ti
by Ce.
Phys. Rev. B **57**₁₆ (1998) 9544–9. [DOI]
139. A.Ślebarski, A.Jeziarski, **A. ZYGMUNT**, S.Mähl, M.Neumann,
Band Gap Stability in CeRhSb.
Phys. Rev. B **58**₂₀ (1998) 13 498–505. [DOI]

140. J.Sokolnicki, **K. MARUSZEWSKI**, **W. STREK**, J.Legendziewicz,
Fluorescence and Absorption Probe of Metal Ion Centers in Silicates Obtained by Sol–Gel Technique.
J. Sol-Gel Sci. Technol. **13**_{1–3} (1998) 611–3. [\[DOI\]](#)
 9th Int.Worksh.on Glasses, Ceramics, Hybrids & Nanocomposites from Gels, SHEFFIELD, England, UK, 1997.08 31 –.09 05
141. **I. SOKÓLSKA**, **S. GOŁĄB**, **W. RYBA-ROMANOWSKI**,
Optical Spectroscopy of Doped LiTaO₃ Crystals.
Spectrochim. Acta A **54**₁₁ (1998) 1685–94. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
142. **I. SOKÓLSKA**, S.Kück,
Optical Characterization of Cr³⁺ Doped LiTaO₃ Crystals Relevant for Laser Application.
Spectrochim. Acta A **54**₁₁ (1998) 1695–700. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
143. **I. SOKÓLSKA**, I.Pracka,
Optical Properties of LiNbO₃ Crystals Doubly Doped with Nd³⁺ and Yb³⁺ Ions.
phys. stat. sol. (a) **170**₁ (1998) 159–66. [\[DOI\]](#)
144. **I. SOKÓLSKA**, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, M.Baba, T.Łukasiewicz,
Spectroscopic Assessment of LiTaO₃:Tm³⁺ as a Potential Diode-Pumped Laser Near 1.9 μm.
J. Appl. Phys. **84**₉ (1998) 5348–50. [\[DOI\]](#)
145. **P. STACHOWIAK**, V.V.SUMAROKOV, **J. MUCHA**, **A. JEŻOWSKI**,
Low Temperature Thermal Conductivity of Carbon Monoxide.
J. Low Temp. Phys. **111**_{3/4} (1998) 379–85. [\[DOI\]](#)
 2nd Int.Conf.on Cryocrystals and Quantum Crystals, POLANICA-Zdrój, PL, 1997.09 07–12
146. **P. STACHOWIAK**, V.V.SUMAROKOV, **J. MUCHA**, **A. JEŻOWSKI**,
Thermal Conductivity of Solid Argon with Oxygen Admixtures.
Phys. Rev. B **58**₅ (1998) 2380–2. [\[DOI\]](#)
147. **J. STEPIEŃ-DAMM**, Yu.Prots', P.S.Salamakha, O.I.Bodak, Yu.Morozkin, Yu.D.Seropenin,
Crystal Structure of the Ternary Silicide, SmRh₅Si_{3.17}.
J. Alloy. Compd. **268**_{1/2} (1998) 177–9. [\[DOI\]](#)
148. **W. STREK**, **P. DEREŃ**, **E. ŁUKOWIAK**, **B. NISSEN**, **J. WRZYSZCZ**, **M. ZAWADZKI**,
 P.Pershukievich,
Preparation and Emission Spectra of Eu(III) in Nanostructured γ-Alumina.
Spectrochim. Acta A **54**₁₃ (1998) 2121–4. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12
149. **W. STREK**, **P.J. DEREŃ**, **K. MARUSZEWSKI**, E.Pawlik, J.Wójcik, G.E.Malashkevich, V.I.Gaishun,
Spectroscopic Properties of Erbium Doped Silica Glasses Obtained by Sol–Gel Method.
J. Alloy. Compd. **275-7** (1998.07) 420–3. [\[DOI\]](#)
 3rd Int.Conf.on f-Elements, PARIS, FR, 1997.09 14–18
150. **W. STREK**, J.Legendziewicz, **E. ŁUKOWIAK**, **K. MARUSZEWSKI**, J.Sokolnicki, A.A.Boiko,
 M.Borzechowska,
Optical Properties of Pr³⁺-Doped Silica Gel Glasses Obtained by Sol–Gel Method.
Spectrochim. Acta A **54**₁₃ (1998) 2215–21. [\[DOI\]](#)
 4th Int.Sch.of Excited States of Transition Elements, DUSZNIKI Zdrój, PL, 1997.09 06–12

151. N.Stüßer, **Z. ŻOŁNIEREK[†]**, X.Hu,
Magnetic Neutron Powder Diffraction on Some $UCu_{2-x}Ga_{2+y}$ Ternaries of the $ThCr_2Si_2$ -Type Structure.
J. Magn. Magn. Mater. **177-81** (1998.01) 815–6 [pt II]. [DOI]
 [14th] *Int. Conf. on Magnetism*, CAIRNS, Qld, AU, 1997.07 31 –08 01
152. J.Suchanicz, **A. JEŻOWSKI**, R.Poprawski,
Low-Temperature Thermal and Dielectric Properties of $Na_{0.5}Bi_{0.5}TiO_3$.
phys. stat. sol. (a) **169**₂ (1998) 209–15. [DOI]
153. **C. SUŁKOWSKI**, **T. PLACKOWSKI**, W.Sadowski,
Thermopower Anisotropy of Highly Underdoped and Slightly Overdoped $RBa_2Cu_3O_{7-\delta}$ Single Crystals.
Phys. Rev. B **57**₂ (1998) 1231–5. [DOI]
154. **W. SUSKI**,
Some Remarks about Magnetism of Selected Uranium and Rare Earth Intermetallics.
Electron Technol. **31**₁ (1998) 9–14.
 3rd Joint Korean-Polish Semin. on Physical Properties of Magnetic Materials, CRACOW, PL, 1997.08 26–28
155. **W. SUSKI**, **K. WOCHOWSKI**,
Physical Properties of $UMn_{4-x}Fe_xAl_8$ Alloys for Low Fe Concentration.
J. Alloy. Compd. **274**_{1/2} (1998) 65–7. [DOI]
156. **W. SUSKI**, **K. WOCHOWSKI**, **D. BADURSKI**, A.Gilewski, T.Mydlarz,
Structure, Magnetic and Electrical Properties of the $UMn_{4-x}Fe_xAl_8$ System.
J. Alloy. Compd. **271-3** (1998.06) 499–502. [DOI]
Int. Conf. 'Actinides '97' BADEN-BADEN, DE, 1997.09 21–26
157. **A. SZMYRKA-GRZEBYK**, **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**,
Phase Transitions in Solid Oxygen as Thermometric Fixed Points.
J. Low Temp. Phys. **111**_{3/4} (1998) 399–406. [DOI]
 2nd *Int. Conf. on Cryocrystals and Quantum Crystals*, POLANICA-Zdrój, PL, 1997.09 07–12
158. **A. SZMYRKA-GRZEBYK**, **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**,
Realizacja w Polsce Międzynarodowej Skali Temperatury z 1990 w zakresie niskich temperatur.
 [Polish Realization of the International Temperature Scale ITS-90 in the Range of Low Temperatures.]
Pomiary Automatyka Kontrola **44**₅ (1998) 170–2 [in Polish].
159. **P.E. TOMASZEWSKI**, **T. PLACKOWSKI**, **D. WŁOSEWICZ**,
The Specific Heat Studies of $(NH_3CH_3)_5Bi_2Br_{11}$: Evidence for the Critical End-Point in Crystals.
Ferroelectrics **207**_{3/4} (1998) 577–86. [DOI]
160. **V.H. TRAN**, G.André, F.Bourée, **R. TROĆ**, H.Nol,
AC-Susceptibility and Neutron Diffraction Studies of the $URu_{1-x}Pd_xGa$ System.
J. Alloy. Compd. **271-3** (1998.06) 503–7. [DOI]
Int. Conf. 'Actinides '97' BADEN-BADEN, DE, 1997.09 21–26
161. **V.H. TRAN**, **R. TROĆ**,
Large Magnetoresistance of Ferromagnetic Intermetallics URhSi and URhGe.
Phys. Rev. B **57**₁₈ (1998) 11 592–7. [DOI]
162. **V.H. TRAN**, **R. TROĆ**, G.André,
Magnetic Orderings in URhSi and URhGe.
J. Magn. Magn. Mater. **186**_{1/2} (1998) 81–6. [DOI]

163. **R. TROĆ, R. ANDRUSZKIEWICZ, R. Pietri, B. Andraka,**
Effect of Th-Substitution in a New Dense-KONDO Compound UCu₅Al.
J. Magn. Magn. Mater. **183**_{1/2} (1998) 132–4. [DOI]
164. **R. TROĆ, V.H. TRAN, M. WOŁCYRZ, G. André, F. Bourée,**
Crystal and Magnetic Structure of a Novel Compound UCu₅Al.
Structural Stability with Th-Substitution.
J. Magn. Magn. Mater. **190**₃ (1998) 251–6. [DOI]
165. W. Tylus, B. Kucharczyk, **P.J. GODOWSKI,**
Kontrola przygotowania warstwy pośredniej katalizatora na bazie folii żaroodpornej za pomocą spektroskopii elektronów AUGERA. [Preparation Control of the Intermediate Catalyst Layer on the Basis of Heat-Resistant Foil Using AUGER Electron Spectroscopy.]
Inżynieria Materiałowa **19**₁ (1998) 28–31 [in Polish].
166. A. Ulatowska, **K. MARUSZEWSKI, H. Podbielska, W. STRĘK,**
Optical Properties of a Photosensitizer Entrapped in Sol–Gel Glass.
Proc. SPIE **3196** (1998.01) 162–7. [DOI]
3rd Int. Conf. on Optical and Imaging Techniques for Biomonitoring, SAN REMO, IT, 1997.09 04–08
167. P. Vajda, G. André, **O.J. ŻOGAŁ,**
Long-Range and Short-Range Magnetic Order in β -HoH(D)_{2+x} ($x = 0$ and 0.12).
Phys. Rev. B **57**₁₀ (1998) 5830–6. [DOI]
168. **A. WAŚKOWSKA,**
Thiosemicarbazid-1- μ -Dihydrogenphosphate. [CH₆N₃S⁺ · H₂PO₄⁻]
Acta Cryst. C **54**₁₀ (1998) 1540–2. [DOI]
169. **A. WAŚKOWSKA, A. Ratuszna,**
Phase Transition and Structure of a K_{1-x}Li_xMnF₃ Single Crystal in the Range 100–298 K.
J. Solid State Chem. **137**₁ (1998) 71–6. [DOI]
170. M. Weyrauch, **A. SZPRYNGER,**
Structure Factors of ³He–⁴He Mixtures.
J. Low Temp. Phys. **113**_{5/6} (1998) 1049–54. [DOI]
Int. Semin. on Quantum Fluids & Solids, AMHERST, MA, US, 1998.06 09–14
171. **K. WOCHOWSKI, P. Burlet, G. André, F. Bourée, W. SUSKI,**
Structure and Element Distribution in the UFe_{10-x}Al_xSi₂ System.
J. Phase Equil. **19**₅ (1998) 423–5.
172. **P. WRÓBEL, R. Eder,**
Symmetry of Binding in Doped Antiferromagnets.
Phys. Rev. B **58**₂₂ (1998) 15 160–76. [DOI]
173. **J. WRZYSZCZ, H. GRABOWSKA, R. KLIMKIEWICZ, L. Syper,**
Reactions of Normal Alcohols in the Presence of a Dehydrogenating Iron Catalyst.
Catal. Lett. **54**_{1/2} (1998) 55–8. [DOI]
174. **J. WRZYSZCZ, H. GRABOWSKA, W. MIŚTA, L. Syper, M. ZAWADZKI,**
A New Efficient Catalytic Method of Naphthols Ring Alkylation.
Appl. Catal. A **166**₂ (1998) L249–53. [DOI]
175. **J. WRZYSZCZ, R. KLIMKIEWICZ, H. GRABOWSKA,**
Transestryfikacja i ketonizacja – nowy kierunek wykorzystania tłuszczów technicznych.
 [Transesterification and Ketonization – the New Way of the Utilization of Technical Greases.]
Pr. Nauk. Politechn. Szczecin. Nr 547, *Inst. Techn. Nieorg.* Nr 5 (1998) 331–4 [in Polish].
4th Conf. on Waste-Free Technol. & Waste Utilization in Chem. Industry and Agriculture ŁUKĘCIN, PL, 1998.05 18–21

176. **J. WRZYSZCZ, W. MIŚTA, M. ZAWADZKI,**
Koncepcja technologiczna wytwarzania sorbentów i nośników glinowych metodą energooszczędną i bezodpadową. [Energy-Saving and Waste-Free Technological Conception of Production of Alumina Adsorbents and Carriers.]
Pr. Nauk. Politechn. Szczecin. Nr 547, *Inst. Techn. Nieorg.* Nr 5 (1998) 125–8 [in Polish].
4th Conf. on Waste-Free Technol. & Waste Utilization in Chem. Industry and Agriculture ŁUKĘCIN, PL, 1998.05 18–21
177. S. Yang, T. Lin, **K. ROGACKI, B. Dabrowski, P. M. Adams, D. M. Speckman,**
Magneto-resistive $\text{La}_{0.83}\text{Sr}_{0.17}\text{MnO}_3$ Ceramics by DAAS Technique.
Chem. Mater. **10**₅ (1998) 1374–81. [DOI]
178. E. M. Yoshimura, E. Okuno, **L. KRAJCZYK, M. SUSZYŃSKA,**
Formation of Silver Colloids on Ion Exchanged Soda–Lime Silicate Glasses by Irradiation.
Nucl. Instr. Meth. B **141**_{1–4} (1998) 304–7. [DOI]
9th Int. Conf. on Radiation Effects in Insulators, KNOXVILLE, TX, US, 1997.09 14–19
179. **A. J. ZALESKI, J. KLAMUT,**
Wpływ podstawienia Ni i Zn na anizotropię głębokości wnikania pola magnetycznego w $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$. [The Influence of Ni- and Zn-Substitutions on Anisotropy of Penetration Depth in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$.]
Dział. Nauk. PAN Nr 5 (1998.05) 118 [in Polish].
180. В. И. Заремба, **J. STEPIEŃ-DAMM, Г. П. НЫЧЫПОРУК, Ю. Б. ТЫВАНЧУК, Я. М. КАЛЫЧАК,**
*** [Structure of $R_2\text{Ge}_2\text{In}$ Crystals, where R is a Rare-Earth Metal.]**
Кристаллография **43**₁ (1998) 13–16 [in Russian]. Engl. in: *Crystallogr. Rep.* **43**₁ (1998) 8–11.
181. V. I. Zaremba, **J. STEPIEŃ-DAMM, R. TROĆ, D. KACZOROWSKI,**
Crystal Structure of UCu_5In .
J. Alloy. Compd. **280**_{1/2} (1998) 196–8. [DOI]
182. R. G. Zhibankov, L. K. Prihodchenko, T. E. Kolosova, V. M. Andrianov, M. V. Korolevich, **H. RATAJCZAK, M. MARCHEWKA,**
Investigation of Selectively Substituted Mono-saccharides by the Method of Vibrational Spectroscopy and X-ray Analysis.
J. Mol. Struct. **450**_{1–3} (1998) 29–40. [DOI]
4th Natl. Conf. on Molecular Spectroscopy (w. Int. Partic.) WROCLAW & POLANICA Zdrój, PL, 1997.09 28 –10 01
183. **O. J. ŻOGAŁ, J. KLAMUT,**
On Phase Separation in $\text{La}_{1.89}\text{Sr}_{0.11}\text{CuO}_4\text{H}_{0.11}$ by $^1\text{H-NMR}$.
phys. stat. sol. (b) **207**₂ (1998) 449–54. [DOI]
184. **O. J. ŻOGAŁ, P. Vajda, F. Beuneu, A. PIETRASZKO,**
Lattice Damage and Al-Metal Precipitation in 2.5 MeV-Electron-Irradiated AlH_3 .
Eur. Phys. J. B **2**₄ (1998) 451–6. [DOI]

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH
 PUBLICATIONS IN CONFERENCE MATERIALS

185. **K. BALCEREK, CZ. MARUCHA, R. WAWRYK, T. TYC, N. Matsumoto, S. Nagata,**
Jumps of the Thermal Conductivity and Thermoelectric Power of CuIr_2S_4 .
 In: *Proc. of 11th Semin. on Phase Transitions & Critical Phenomena*, ed. by M. KAZIMIERSKI (Wrocław: Institute of Low Temperature and Structure Research, 1998) pp. 110–3.
11th [Int.] Semin. on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA Zdrój, PL, 1998.05 04–07

186. **H. GRABOWSKA, R. KLIMKIEWICZ, L. Syper, J. WRZYSZCZ,**
Otrzymywanie ketonów przez kondensację alifatycznych związków tlenowych wobec katalizatora żelazowego. [Ketones Formation by Condensation of Aliphatic Compounds Containing Oxygen over Iron Catalyst.]
 In: *II Kongres Technologii Chemicznej, Tom 2.*, ed. by E. Górecki *et al.* (Wrocław: Oficyna Wydawnicza Politechniki, 1998) pp. 169–72 [in Polish].
2nd [Polish] Chemical Technology Conf., WROCLAW, PL, 1997.09 15–18
187. **Z. HENKIE,**
Spin Re-orientational Phase Transitions in Uranium Pnictides of U_3X_4 -Type.
 In: *Proc. of 11th Semin. on Phase Transitions & Critical Phenomena*, ed. by M. KAZIMIERSKI (Wrocław: Institute of Low Temperature and Structure Research, 1998) pp. 1–10.
11th [Int.] Semin. on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA Zdrój, PL, 1998.05 04–07
188. **W. IWASIECZKO, I.M. Opainych, V.V. Pavlyuk, O.I. Bodak, H. DRULIS,**
Hydrogen Absorption–Desorption and Crystallographic Characteristics of $CeNi_{5-x}Zn_x$ ($x = 0.3 \div 0.85$) Intermetallics.
 In: *HYPOTHESIS II [Hydrogen Power: Theoretical and Engineering Solutions]*, ed. by T.O. Sætre (Dordrecht: Kluwer Acad. 1998) pp. 389–93.
HyPoThESis II Symp. [Hydrogen Power: Theoretical and Engineering Solutions] GRIMSTAD, NO, 1997.08 18–22
189. **J. KLAMUT,**
Polska fizyka ciała stałego u progu następnego wieku: magnetyzm i nadprzewodnictwo. [Polish Solid State Physics on the Threshold to Next Century: Magnetism and Superconductivity.]
 In: *Fizyka polska u progu trzeciego tysiąclecia*, ed. by Józef Szudy (Toruń: Uniwersytet, 1998) pp. 58–71 [in Polish].
All-Pol.Sci.Sess. on the Occasion of Prof. Aleksander Jabłoński's 100th Anniv.: Polish Physics at the Threshold to Third Milenium. TORUŃ, PL, 1998.02 27–28
190. **P. WIŚNIEWSKI, A. Gukasov, Z. HENKIE,**
Collinear and Non-Collinear Magnetic Phases in U_3X_4 -Type Pnictides.
 In: *Proc. of 11th Semin. on Phase Transitions & Critical Phenomena*, ed. by M. KAZIMIERSKI (Wrocław: Institute of Low Temperature and Structure Research, 1998) pp. 143–5.
11th [Int.] Semin. on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA Zdrój, PL, 1998.05 04–07
191. **J. WRZYSZCZ, H. GRABOWSKA, L. Syper,**
Alkilacja fenolu, naftoli i niektórych ich pochodnych alkoholami wobec katalizatora żelazowego. [Alkylation of Phenol, Naphthols and Some of Their Derivatives over Iron Catalyst.]
 In: *Kataliza i katalizatory procesów petrochemicznych [Catalysis and Catalysts for Petrochemical Processes]*, ed. by Z. Sarbak & L. Wachowski (Poznań: Uniwersytet, 1998) pp. 32–7 [in Polish].
All-Polish Symp. on Catalysis and Catalysts for Petrochemical Processes, POZNAŃ, PL, 1998.05 15
192. **J. WRZYSZCZ, M. ZAWADZKI, H. GRABOWSKA, R. KLIMKIEWICZ,**
Przemiany pierwszorzędowych alkoholi alifatycznych wobec katalizatora Ru/Fe₂O₃. [Reactions of Primary Alcohols over Ru/Fe₂O₃ Catalyst.]
 In: *II Kongres Technologii Chemicznej, Tom 2*, ed. by E. Górecki *et al.* (Wrocław: Oficyna Wydawnicza Politechniki 1998) pp. 216–9 [in Polish].
2nd [Polish] Chemical Technology Conf., WROCLAW, PL, 1997.09 15–18
193. **J. Ziaja, W. MIŚTA,**
Zastosowanie w detekcji gazów cienkich warstw tlenków Ce–Zr–O_{2-x} otrzymanych metodą rozpylania magnetycznego. [Gas-Sensor Application of Thin Film of Ce–Zr–O_{2-x} Oxides Obtained by Magnetron Sputtering.]
 In: *Czujniki optoelektroniczne i elektroniczne. V*, ed. by ***, (Wrocław: Oficyna Wydawnicza Politechniki 1998) pp. 433–6 [in Polish].
5th [Polish] Conf. on Optoelectronic and Electronic Sensors, JURATA, PL, 1998.05 10–13

LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. D.Aoki, Y.Katayama, S.Nojiri, R.Settai, Y.Inada, K.Sugiyama, Y.Önuki, H.Harima, **Z. KLETOWSKI**,
FERMI Surface of $R\text{Pb}_3$. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
2. A.J.Arko, J.J.Joyce, J.Sarrao, J.D.Thompson, L.Morales, Z.Fisk, **A. WOJAKOWSKI**, **T. CICHOREK**,
Strongly Correlated f-Electron Systems: A PES Study. (C)
Int.Conf.on Superconductivity and Magnetism, ERICE, Sicily, IT, 1998.06 13–23
3. S.Åsbrink†, J.Staun Olsen, L.Gerward, **A. WAŚKOWSKA**,
High Pressure Diffraction Studies of the Spinel Oxides NiMn_2O_4 and ZnMn_2O_4 . (P)
6th Eur. Powder Diffraction Conf. BUDAPEST, HU, 1998.08 22–25
4. S.Åsbrink†, **A. WAŚKOWSKA**, L.Gerward, J.Staun Olsen,
JAHN–TELLER Polymorphism in Spinel Oxides NiMn_2O_4 and ZnMn_2O_4 . (P)
16th Nordic Crystallographic Meet., SIGTUNA, SE, 1998.01 08
5. S.Åsbrink†, **A. WAŚKOWSKA**, L.Gerward, J.Staun Olsen,
JAHN–TELLER–Polymorphism in Spinel Oxides NiMn_2O_4 and ZnMn_2O_4 . (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
6. **K. BALCEREK**, **Cz. MARUCHA**, **R. WAWRYK**, **T. TYC**, N.Matsumoto, S.Nagata,
Thermal Conductivity and Thermoelectric Power of the Spinel Compound CuIr_2S_4 . (P)
11th [Int.]Semin.on Phase Transition and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL,
1998.05 04–07
7. A.Barabash, T.Gavrilko, G.Puchkovskaya, A.Roschin, **J. BARAN**,
Spectroscopic Investigation of the Lattice Dynamics in Hydrogen-Bonded NH_4IO_3 Crystal. (P)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
8. **J. BARAN**, A.Barnes, B.Engelen, M.Panthöfer, **A. PIETRASZKO**, **H. RATAJCZAK**,
Structure and Polarized IR and RAMAN Spectra of the Solid Complex Betaine–Trichloroacetic Acid. (L)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
9. **J. BARAN**, G.Bator, **M. DROZD**, M.M.Ilczyzyn, R.Jakubas, **M.K. MARCHEWKA**,
H. RATAJCZAK,
Vibrational, DSC and Dielectric Studies of $\text{Cs}_{1.5}\text{Li}_{1.5}\text{H}(\text{SO}_4)_2$ Crystal. (P)
Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
10. F.Beuneu, P.Vajda, **O.J. ŻOGAŁ**,
Magnetic Resonance of Micrometer Size Li-Metal Colloids in Electron-Irradiated Li_2O Crystals. (P)
Int.Symp.on Magnetic Resonance in Colloid and Interface Sciences, NAMUR, BE, 1998.05 15–20
11. H.N.Bordallo, H.Nakotte, A.V.Kolomiets, L.Havela, J.Eckert, A.V.Andreev, V.A.Yartys, **H. DRULIS**,
W. IWASIECZKO,
Hydrogen-Induced Changes in the Structural and Magnetic Properties of TbNiAl . (P)
7th Joint Magnetism & Magnetic Materials – INTERMAG Conf., SAN FRANCISCO, CA, US,
1998.01 06–09
12. **E. BOROŃSKI**,
A New Project for Calculations of e^+e^- Interaction in Real Metals. (L)
30th [Int.] Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21

13. **E. BOROŃSKI, H. STACHOWIAK,**
Energy of Electron–Positron Correlation in an Electron Gas. (L)
30th [Int.] Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21
14. H.Bougrine, M.Ausloos, B.Robertz, R.Cloots, **J. MUCHA,**
Influence of Al₂O₃ or BaZrO₃ Substrates on Transport Properties of Bi2223 Superconductors. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
15. W.Bronowska, **A. PIETRASZKO,**
Low-Temperature X-ray Investigation of Rb₂Li₄(SeO₄)₃ · 2H₂O. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
16. L.Bryja, M.Ciorga, J.Misiewicz, **A. ZALESKI,** P.Becla, W.C.Chou,
Magneto-Optical Studies of Quaternary Diluted Magnetic Semiconductors. (C)
1998 E-MRS Spring Meet. Symposium C: Growth, Characterization and Applications of Bulk II–VIs [Compounds], STRASBOURG, FR, 1998.06 16–18
17. E.Carlon, **A. DRZEWIŃSKI,**
Critical Point Shift in a $D = 2$ Fluid Confined between Walls. (P)
11th [Int.]Semin.on Phase Transition and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL,
 1998.05 04–07
18. E.Carlon, **A. DRZEWIŃSKI,**
Critical Point Shift in a $D = 2$ Fluid Confined between Walls. (P)
23rd Semin.of Middle-European Cooperation in Statistical Physics, TRIESTE, IT, 1998.04 27–29
19. E.Carlon, **A. DRZEWIŃSKI,**
Finite Size Scaling in Confined Systems: A Density Matrix Renormalization Study. (P)
Int.Conf.on Statistical Physics, STATPHYS'98, PARIS, FR, 1998.07 20–24
20. S.Coad, A.Hiess, L.Paolasini, P.Dervenagas, **D. KACZOROWSKI,** G.Lander, **R. TROĆ, A. CZOPNIK,**
Spin Waves in UGa₃. (P)
6th Summ.Sch.on Neutron Scattering, ZUOZ, CH, 1998.08 08–14
21. E.Cordruwisch, **D. KACZOROWSKI,** P.Rogl, A.Saccone, R.Ferro,
Properties and Constitutions of the Systems Ce–Ag–(Si,Ge). (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
22. B.Dabrowski, **K. ROGACKI, P.W. KLAMUT, Z. BUKOWSKI,** O.Chmaissem, J.D.Jorgensen,
Improved Y-123 Materials by Chemical Substitutions. (I)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
23. N.A.Davydova, V.V.Tischenko, **J. BARAN,** M.Vlček,
Photoinduced Structural Changes in Chalcogenide Glasses. (P)
24th Eur.Congr.on Molecular Spectroscopy, PRAGUE, CZ, 1998.08 23–28
24. N.A.Davydova, V.V.Tischenko, **J. BARAN,** M.Vlček,
RAMAN Scattering in S-Rich Ge–S Glasses. (P)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
25. **P. DEREŃ, W. STRĘK, A. BEDNARKIEWICZ, B. NISSEN,**
Effect of Concentration on Vibronic Transitions Observed on Optical Spectra of Pr³⁺ Ion in Cs₂NaLa_{1-x}Pr_xCl₆ Crystals. (P)
The Jabłoński Centenn.Conf.on Luminescence and Photophysics, TORUŃ, PL, 1998.07 23–27

26. **D. DOMINIAK-DZIK, S. GOŁĄB, J. ZAWADZKA, W. RYBA-ROMANOWSKI, T.Łukasiewicz, M.Świrkowicz,**
Spectroscopic Properties of Holmium-Doped LiTaO₃ Crystal. (P)
13th Conf.on Solid State Crystals. Materials Science and Applications, ZAKOPANE, PL, 1998.10 12–16
27. **M. DROZD, J. BARAN, M. ŚLEDŹ,**
Vibrational Spectra and DSC Investigation of L-Lysine Molecular Complex with Phosphorous Acid. (P)
24th Eur.Congr.on Molecular Spectroscopy, PRAGUE, CZ, 1998.08 23–28
28. **H. DRULIS, L. FOLCIK, M. DRULIS, N.M.Suleřmanov,**
An EPR Measurements of the Spatial Distribution of Magnetic Field Near the Nb Superconducting Samples. The Object's Shape Effect. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL, 1998.08 17–21
29. **A. DRZEWIŃSKI,**
Critical Two-Dimensional ISING Films with Fields. (I)
Int.Worksh.& Semin.on Density-Matrix Renormalization Group, DRESDEN, DE, 1998.09 01–10
30. **A. DRZEWIŃSKI, A.Ciach, A.Maciołek,**
Competing Bulk and Surface Fields in Critical ISING Films: Effect of Fluctuations. (P)
Int.Conf.on Statistical Physics, STATPHYS'98, PARIS, FR, 1998.07 20–24
31. **M. DUDZIŃSKI,**
Porządek kwadrupolowy w ferromagnetyku HEISENBERGA z polem krystalicznym o symetrii kubicznej. [Quadrupolar Order in a HEISENBERG Ferromagnet with Crystal Field of Cubic Symmetry.] (C)
Mini-symp.on Statistical Physics: Poznań–Wrocław, WROCLAW, PL, 1998.12 04
32. **M. DUDZIŃSKI, J. SZNAJD, G.Fáth,**
Quadrupolar Order in the HEISENBERG Ferromagnet with the Crystal Field Anisotropy of Cubic Symmetry. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
33. **M. DUDZIŃSKI, J. SZNAJD, G.Fáth,**
Non-Magnetic Long Range Order of the $S = 2$ Ferromagnetic Chain with Cubic Single-Ion Anisotropy at $T = 0$. (P)
23rd Semin.of the Middle-European Cooperation in Statistical Physics, TRIESTE, IT, 1998.04 27–29
34. **K. DURCZEWSKI, A.Krzywicki,**
Enhanced Thermoelectric Power and Cooling Ability Near the ANDERSON Transition. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
35. **K. EJSMONT, R. KUBIAK,**
Di- μ -Iodo-bis(phthalocyaninato) Bismuth. (P)
18th Eur. Crystallographic Meet. PRAGUE, CZ, 1998.08 15–20
36. **S.P.Firsov, R.G.Zhbankov, P.T.Petrov, M.P.Lapkovski, V.M.Tsarenkov, M.K. MARCHEWKA, H. RATAJCZAK,**
Vibrational Spectra of Polysaccharides: Dextran and Pullulan of Different Molecular Masses. (P)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
37. **Yu.A.Freiman, R.J.Hemley, A. JEŹOWSKI, S.M.Tret'yak,**
Broken Symmetry Phase Transition in Solid p -H₂, o -D₂ and HD: Crystal Field Effects. (P)
36th Eur.Hi.-Press.Res.Group Meet.on Molecular and Low Dimensional Systems under Pressure, ACIREALE (Catania) IT, 1998.09 07–11

38. Yu.A.Freiman, R.J.Hemley, **A. JEŻOWSKI**, S.M.Tret'yak,
Broken Symmetry Phase Transition in Solid HD: Quantum Behavior at Very High Pressures. (P)
Int.Semin.on Quantum Fluids & Solids, AMHERST, MA, US, 1998.06 09–14
39. Yu.A.Freiman, S.M.Tret'yak, **A. JEŻOWSKI**, R.J.Hemley,
Broken Symmetry Phase Transition in Solid HD: a Manifestation of Quantum Orientational Melting. (P)
Int.Semin.on Quantum Fluids & Solids, AMHERST, MA, US, 1998.06 09–14
40. V.E.Gaishun, I.M.Melnichenko, **W. STRĘK**,
Sol-Gel Method Preparation of Silica Burnishing Powder for Final Polishing of Mono-crystal Silicon Wafers. (P)
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA PORĘBA, PL, 1998.10 02–05
41. V.E.Gaishun, O.I.Tulenkova, I.M.Melnichenko, **W. STRĘK**,
Sol-Gel Preparation and Investigation of Spherical SiO₂ Particles. (P)
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA PORĘBA, PL, 1998.10 02–05
42. **E. GAŁDECKA**,
Stan prac nad programem do redukcji danych dyfraktometrycznych. [State of Work on the Program for Diffractometer Data Reduction.] (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
43. Z.Galdecki, **E. GAŁDECKA**,
Konformacja ligandów organicznych w wybranych kompleksach rutenu, rodu, renu i kobaltu. [Conformation of Organic Ligands in Selected Ruthenium, Rhodium, Rhenium and Cobalt Complexes.] (C)
Semin.: Kryształy Organiczne, POZNAŃ, PL, 1998.09 10–11
44. Z.Galdecki, **E. GAŁDECKA**, A.Kowalski,
Structure of Tetrachloro- bis{μ-Phenyl- bis (2Pyridyl)Phosphane (P, N, N')} Dirhodium(II), [Rh₂Cl₄{PPh(C₅H₄N)₂}₂]. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
45. Z.Galdecki, **E. GAŁDECKA**, A.Kowalski,
Structure of tris(μ-Acetato-κO : κO')(Acetic Acid-1κO) – μ – 2–{[2- Methoxyphenyl-2κO)(2-Methoxyphenyl) Phosphano-2-κP] Phenolato- 1κO} Dirhodium(II), [Rh₂(OOCCH₃)₃{P(C₆H₄OCH₃)₂C₆H₄O}HOOCCH₃]. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
46. Z.Galdecki, **E. GAŁDECKA**, A.Kowalski,
Structure of (OC-6-21)- Carbonyltrichloro (phenanthroline) Ruthenium(III), [RuCl₃CO(C₁₂H₈N₂)]. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
47. Z.Galdecki, **E. GAŁDECKA**, A.Kowalski,
Structure of Dichlorobis{Phenylbis(2-pyridyl) Phosphane Oxide} Cobalt(II), CoCl₂[OP(C₅H₄N₂)₂(C₆H₅)]₂. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
48. Z.Galdecki, **E. GAŁDECKA**, A.Kowalski,
Structure of a Novel Form of Dichloroethanolatooxo- bis(Triphenylphosphine) Rhenium(V), [ReOCl₂(PPh₃)₂(OEt)]. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
49. I.Gnatyuk, G.Puchkovskaya, O.Yaroshchuk, Yu.Gol'tsov, **J. BARAN**, **T. MORAWSKA-KOWAL**, **H. RATAJCZAK**,
Spectroscopic Study of Liquid Crystals in Confined Volume. (P)
2nd Int.Conf.on Vibrational Spectroscopy in Material Science, CRACOW, PL, 1998.10 22–25

50. **S. GOŁĄB, I. SOKÓLSKA, G. DOMINIAK-DZIK**, M.N.Palatnikov, N.V.Sidorow, I.Biryukova, V.T.Kalinnikov, **W. RYBA-ROMANOWSKI**,
Optical Absorption and Luminescence of LiTaO₃:Cr and LiTaO₃:Cr,Nd Crystals. (P)
13th Conf.on Solid State Crystals. Materials Science and Applications, ZAKOPANE, PL, 1998.10 12–16
51. **H. GRABOWSKA, W. MIŚTA, J. WRZYSZCZ, M. ZAWADZKI**, L.Syper,
Nowa metoda katalitycznej alkilacji naftoli. [New Catalytic Method of Naphthols Alkylation.] (C)
XLI Zjazd PTChem. i SITPChem. [41st Congr.of Pol.Chem.Soc.] WROCLAW, PL, 1998.09 14–18
52. J.Grigas, A.Kajokas, **K. ŁUKASZEWICZ**,
Origin of Ferroelectricity in SbSI. (L)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
53. A.Gukasov, **P. WIŚNIEWSKI, Z. HENKIE**,
Neutron Scattering Study of Non-Collinearity in U₃As₄ and U₃P₄. (P)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
54. C.Hamard, M.Le Floch, O.Peña, **A. WOJAKOWSKI**,
Études RMN des solutions solides Mo₆Se_{8-x}Te_x. [NMR Studies on Mo₆Se_{8-x}Te_x Solid Solutions.] (P)
Ecole thematique: Coherence quantique dans les systemes très correles, AUSSOIS, FR, 1998.05 25–29
55. C.Hamard, M.Le Floch, O.Peña, **A. WOJAKOWSKI**, V.Auffret,
NMR Studies in CHEVREL-Phase Solid Solution Mo₆Se_{8-x}Te_x. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
56. **J. HANUZA**,
Vibrational Spectroscopy in Studies of the Structure and Phase Transitions of Oxide Catalysts. (I)
Symp.on IR Methods in Catalysis, POZNAŃ, PL, 1998.12 04
57. **J. HANUZA, L. MACALIK, M. MAĆZKA**, E.T.G.Lutz, J.H.van der Maas,
Vibrational Characteristics of the Double Oxygen Bridge in the NaIn(WO₄)₂ and NaSc(WO₄)₂ Tungstates with Wolframite Structure. (C)
2nd Int.Conf.on Vibrational Spectroscopy in Material Science, CRACOW, PL, 1998.10 22–25
58. R.Hauser, M.Gali, E.Bauer, A.Kottar, G.Hilscher, **D. KACZOROWSKI**,
Tuning of a Non-FERMI Liquid State in CeNiGa₃ by Pressure and External Field. (L)
Pendulum Semin. Cracow–Vienna, LINDABRUNN, AT, 1998.04 15–17
59. **A. HAZNAR, A. PIETRASZKO**, I.P.Studenyak,
X-ray Study of Superionic Phase Transition in Cu₆PS₅Br. (P)
5th Int.Symp.on Systems with Fast Ionic Transport, WARSAW, PL, 1998.04 22–25
60. **A. HAZNAR, A. PIETRASZKO**, I.P.Studenyak, **M. WOŁCYRZ**,
Low Temperature Phase Transitions of the Cu₆PS₅Br Crystal. (P)
18th Eur. Crystallographic Meet. PRAGUE, CZ, 1998.08 15–20
61. **A. HAZNAR, A. PIETRASZKO**, I.P.Stydenyak, **M. WOŁCYRZ**,
Low Temperature Phase Transitions of the Cu₆PS₅Br Crystal. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
62. **Z. HENKIE**,
Spin Reorientational Phase Transitions in Uranium Pnictides of U₃X₄-Type. (L)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07

63. **Z. HENKIE, T. CICHOREK, A. WOJAKOWSKI, R. FABROWSKI,**
Non-FERMI-Liquid Scaling of Resistivity in $UAs_{1-x}Se_{1+x}$ Ferromagnetic System. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL,
 1998.05 04–07
64. B.Hilczer, **A. PIETRASZKO, A.Pawłowski,**
Structural Diffusion of Proton: Structural Conditions in Triammonium Hydrogen Diselenate. (P)
13th Czech–Polish Semin.on Structural and Ferroelectric Phase Transitions, LIBLICE, CZ,
 1998.05 18–22
65. **J. JANCZAK, R. KUBIAK,**
Systematyka krystalochemiczna niepodstawionych i dotowanych jodem ftalocyjanin.
 [Crystallochemical Systematics of Non-Substituted and Iodine-Doped Phthalocyanines.] (C)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
66. **J. JANCZAK, R. KUBIAK,**
**Mixed Valence, Disordered Structure and Some Properties of Iodine Doped Phthalocyanine:
 $[YbPc_2]I_2$.** (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
67. **J. JANCZAK, R. KUBIAK,**
**Indium(III)-Phthalocyanines: Synthesis and Crystal Structure of
 Iodophthalocyaninato(2–) Indate(III).** (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
68. **J. JANCZAK, R. KUBIAK, F.Hahn,**
Mixed Valence, Tetradisordered Structure Iodine Doped Bismuth(III) Diphthalocyanine. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
69. **J. JANCZAK, R. KUBIAK, F.Hahn,**
Neutral Molecule of I_2 as a Bridge for Dimerization of Iodine Iron(III) Phthalocyanine. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
70. **J. JANCZAK, R. KUBIAK, A.Jeziński,**
**Mixed Valence, Disordered Structure and Some Properties of Iodine Doped Mixed Crystal of
 Arsenium and Metal-Free Phthalocyanine: $[AsPc_2]I_2$.** (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
71. **A. JEŻOWSKI, Yu.A.Freiman,**
Thermal Conductivity of Solid Oxygen. (P)
Int.Semin.on Quantum Fluids and Solids, AMHERST, MA, US, 1998.06 09–14
72. S.M.Kaczmarek, Cz.Koepke, M.Grinberg, **G. DOMINIAK-DZIK, Z.Łuczyński, R.Jabłoński, Z.Moroz,**
 H.Rzewuski,
**Change of Optical Properties of Ce:YAG Single Crystals Due to Co-Doping and Ionizing
 Radiation Treatment.** (P)
13th Conf.on Solid State Crystals, ZAKOPANE, PL, 1998.10 12–16
73. **D. KACZOROWSKI,**
Hybridization Effect on the Magnetic Behavior in Ternary Cerium Intermetallics. (I)
4th Prague Coll.on f-Electron Systems, PRAGUE, CZ, 1998.07 11–14
74. **D. KACZOROWSKI, M. KOŻLIK,**
Environmental Effect on the Magnetic Behavior in $CePd_3Ga_x$. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18

75. **D. KACZOROWSKI, M. KOŹLIK, L. KĘPIŃSKI,**
Environmental Effect on the Magnetic Behavior in CePd₃Ga_x. (P)
11th [Int.] Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
76. **D. KACZOROWSKI, R. TROĆ, V.I.Zaremba, A. JEŹOWSKI, B.Andraka, R.Pietri,**
Magnetic, Transport and Thermal Properties of a Novel Uranium Intermetallic Compound UCu₅In. (P)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
77. E.Kalecińska, **J. KALECIŃSKI, M.Krowicka,**
The Effect of 2,2'-Bipyridine, 2,2' : 6',2''-Terpyridine and 1,10-Phenantroline on Radiation Reduction of Rh(II) to Rh(I) Complexes. (C)
9th Tihany Symp.on Radiation Chemistry, TATA, HU, 1998.08 29 –.09 03
78. **J. KALECIŃSKI,**
Stability of Electrons – Monomers and Dimers – in γ -Irradiated Hydroxide Glasses. (C)
9th Tihany Symp.on Radiation Chemistry, TATA, HU, 1998.08 29 –.09 03
79. **J. KALECIŃSKI,**
Chemia radiacyjna oksymetalanów. [Radiative Chemistry of Oxymetalates.] (L)
XI Zjazd PTBR [11th Congr.of Pol.Soc.for Radiation Research] SIEDLCE, PL, 1998.04 15–17
80. **J. KALECIŃSKI,**
Elektrony w γ -napromieniowanych zamrożonych szklivach wodorotlenkowych. [Electrons in γ -Irradiated Frozen Hydroxamic Glasses.] (C)
XLI Zjazd PTChem. i SITPChem. [41st Congr.of Pol.Chem.Soc.] WROCLAW, PL, 1998.09 14–18
81. **L. KĘPIŃSKI,**
Microstructure of Carbon Deposit in Pd/CeO₂ Catalysts: TEM Study. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
82. **P.W. KLAMUT, R.Dybzinski, B.Dabrowski, A.Shengelaya, C.M.Augerter, H.Keller, I.M.Savic, D. KACZOROWSKI, J. KLAMUT,**
Chain Contribution to the Superconductivity of the La and Ca-Doped YBa₂Cu₄O₈ from Muon Spin Rotation Study of the Magnetic Penetration Depth. (L)
American Physical Society '98 March Meet., LOS ANGELES, CA, US, 1998.03 16–21
83. **R. KLIMKIEWICZ, H. GRABOWSKA, L.Syper, J. WRZYSZCZ,**
Kondensacja alifatycznych związków tlenowych do ketonów. [Condensation of Aliphatic Oxygenated Compounds to Ketones.] (P)
30th All-Polish Coll.on Catalysis, CRACOW, PL, 1998.02 03–04
84. A.V.Kolomiets, Y.A.Yartys, L.Havela, V.Sečovský, A.V.Andreev, H.N.Bordallo, H.Nakotte, **H. DRULIS, W. IWASIECZKO, A.Schultz,**
Influence of Hydrogen on Magnetism in RENiAl Compounds and UNiAl. (P)
10th Czech & Slovak Conf.on Magnetism, KOŠICE, SK, 1998.08 24–27
85. **G. KONTRYM-SZNAJD,**
Consistency and Symmetry Conditions for Plane Projections. (P)
30th Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21
86. **G. KONTRYM-SZNAJD, A. JURA,**
Improvement of Experimental Data via Consistency Conditions. (L)
30th Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21
87. **G. KONTRYM-SZNAJD, M. SAMSEL, R.N.West,**
Reconstruction of Densities from COMPTON Profiles with Applying Jacobi Polynomials. (L)
30th Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21

88. **T.K. KOPEĆ**,
Scaling Near Zero-Temperature Critical Point in the Quantum 2D JOSEPHSON Junction Arrays. (P)
22nd Int.Sch.of Theoretical Physics: Quantum Coherence in Superconductors and Nanostructures,
 USTROŃ, PL, 1998.09 10–15
89. **T.K. KOPEĆ**,
Scaling Near the Zero-Temperature Critical Point in the Quantum Two-Dimensional JOSEPHSON Junction Arrays. (L)
6th Int.Conf.on Path Integrals: from peV to TeV, FLORENCE, IT, 1998.08 25–29
90. **T.K. KOPEĆ**, J.V.José,
Scaling Near the Zero-Temperature Critical Point in the Quantum Two-Dimensional JOSEPHSON Junction Arrays. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
91. B.Kotur, **D. KACZOROWSKI**, **W. SUSKI**, **K. WOCHOWSKI**,
Magnetic Properties of $Ce_{1-x}Sc_xFe_4Al_8$ and $Yb_{1-x}Sc_xFe_4Al_8$ Systems. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
92. **J. KRAWCZYK**, **A. PIETRASZKO**, **K. ŁUKASZEWICZ**,
X-ray Diffuse Scattering and Structural Phase Transitions in the $(CH_3)_4NCdCl_3$ Crystals. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL,
 1998.05 04–07
93. **J. KRAWCZYK**, **A. PIETRASZKO**, **K. ŁUKASZEWICZ**,
X-ray Study of Disordered Structure of $(CH_3)_4NCdCl_3$. (P)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
94. M.M.Kreevoy, S.Marimanikkupam, V.G.Young, Jr., **J. BARAN**, M.Szafran, A.J.Schultz, F.Trouw,
What Can We Learn from the Hydrogen bis(4-nitrophenoxide) Ion ?. (I)
Ann.Sch.on Physical Organic Chemistry: Acid–Base Properties of Organic Compounds,
 PRZESIEKA, PL, 1998.06 01–06
95. **T. KRZYSZTOŃ**,
Intrinsic Pinning in Layered Antiferromagnetic Superconductors. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL,
 1998.05 04–07
96. **T. KRZYSZTOŃ**,
Intrinsic Pinning in Layered Antiferromagnetic Superconductor. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
97. **R. KUBIAK**, **K. EJSMONT**,
Magnesium Phthalocyanine – Formed and Complexed with 1,2-Dicyanobenzene. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
98. **R. KUBIAK**, **M. RAZIK**,
(Phthalocyaninato) Antimony Triiodide. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
99. F.Lapierre, P.Haen, F.Le Berre, O.Peña, **R. HORYŃ**,
Magneto-resistivity Below T_N in $CeMo_6S_8$ and $CeMo_6Se_8$. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18

100. J.Leciejewicz, A.Szytuła, **A. ZYGMUNT**,
Struktury magnetyczne związków RT_2X_2 (25 lat badań w Polsce). [Magnetic Structures of RT_2X_2 Compounds (25 Years of Investigation in Poland).] (C)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
101. E.M.Levin, **R. TROĆ**, **V.H. TRAN**, T.Palewski,
Magneto-resistance of UCoAl and UFeAl Intermetallics. (P)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
102. **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**, **A. SZMYRKA-GRZEBYK**,
Realization of Low-Temperature Fixed Points Using the VNIIFTRI Multi-compartment Cell. (P)
Int.Semin.: TEMPERATURE'98, BERLIN, DE, 1998.02 16–17
103. **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**, **A. SZMYRKA-GRZEBYK**,
Temperatura przejścia w stan nadprzewodzący rtęci – nowy punkt termometryczny. [Temperature of Superconducting Transition of Mercury – New Thermometric Scale Point.] (C)
Kraj.Kongr. Metrologii [Natl.Metrology Congr.] GDAŃSK, PL, 1998.09 15–18
104. T.Lis, **J. BARAN**, **M. DROZD**, E.Gaudicheau, **H. RATAJCZAK**,
Structure, Phase Transition and Vibrational Spectra of the $NaH_2PO_4 \cdot H_3PO_4$ Crystal. (P)
Ann.Sch.on Physical Organic Chemistry: Acid-Base Properties of Organic Compounds, PRZESIEKA, PL, 1998.06 01–06
105. **K. ŁUKASZEWICZ**, **A. PIETRASZKO**,
KM4 CCD Single Crystal Diffractometer — Our Experience. (L)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
106. **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, **J. STĘPIEŃ-DAMM**,
Estimation of the Short- and Medium-Range Order in the Paraelectric Phase of Diglycine Nitrate at 220 and 293 K by the Refinement of g -Parameter. (L)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
107. **K. ŁUKASZEWICZ**, **A. PIETRASZKO**, **J. STĘPIEŃ-DAMM**, A.Kajokas,
Phase Transitions and Structure of Antiferroelectric and Paraelectric SbSI. (L)
13th Czech-Polish Semin.on Structural and Ferroelectric Phase Transitions, LIBLICE, CZ, 1998.05 18–22
108. **B. MACALIK**, **T. MORAWSKA-KOWAL**, **M. SUSZYŃSKA**, **M. SZMIDA**,
High-Temperature Precipitation in $NaCl:Eu^{2+}$ Crystals. (C)
Eur.Conf.on Defects in Materials [Science] KEELE, E, UK, 1998.07 06–11
109. **M. MAĆZKA**, S.Kojima, **J. HANUZA**,
RAMAN Study of Phase Transitions in Potassium Scandium Double Tungstate. $[KSc(WO_4)_2]$. (L)
2nd Int.Asian Meet.on Ferroelectricity, SINGAPORE, SG, 1998.12 07–11
110. **M. MAĆZKA**, S.Kojima, **J. HANUZA**,
RAMAN Scattering Spectra of Internal Modes in $CsBi(MoO_4)_2$. (L)
Sect.Meet.of the Physical Society of Japan, RYNKYUS & OKINAWA, JP, 1998.09 25–28
111. G.E.Malashkevich, P.P.Pershukovich, M.A.Borc, L.N.Dmitruk, V.D.Fedorov, V.V.Sakharov, P.B.Baskov, **W. STRĘK**,
Spectral-Luminescent Properties of Zirconium Fluoride Glasses Doped with Holmium. (P)
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA PORĘBA, PL, 1998.10 02–05
112. G.E.Malashkevich, E.N.Poddenezhny, I.M.Melnichenko, A.A.Boiko, **W. STRĘK**, **P. DEREŃ**, L.Bryja, J.Misiewicz,
Optical Behavior of ZnS Mono-crystals Embedded in Porous Silica Xerogels. (P)
The Jabłoński Centenn.Conf.on Luminescence and Photo-physics, TORUŃ, PL, 1998.07 23–27

113. **K. MARUSZEWSKI**,
Sol-Gel Materials for Special Applications. (I)
4th Int.Semin.on Porous and Special Glasses, SZKLARSKA PORĘBA, PL, 1998.10 02-05
114. **K. MARUSZEWSKI**,
Światłowodowe optody zol-żelowe. [Fiber Optics Sol-Gel Optodes.] (I)
Eco-Opole '98, KĘDZIERZYN-KOŹLE, PL, & OSTRAVA, CZ, 1998.10 13-15
115. **K. MARUSZEWSKI, W. STRĘK, M. JASIOBSKI**, L.Bryja, M.Ciorga, P.Sitarek, J.Misiewicz,
Optical Properties of Nano-particles of CdS in SiO₂ Sol-Gel Glass. (P)
13th Conf.on Solid State Crystals, ZAKOPANE, PL, 1998.10 12-16
116. **K. MARUSZEWSKI, W. STRĘK, M. JASIOBSKI**, A.Szczurek, W.Waławek,
Fiber-Optical Ammonia Sensor Based on Sol-Gel Technique. (P)
The Jabłoński Centenn.Conf.on Luminescence and Photophysics, TORUŃ, PL, 1998.07 23-27
117. **K. MARUSZEWSKI, W. STRĘK, M. JASIOBSKI**, Z.Ziembik, E.Czernia, R.Słota, W.Waławek,
Electrochemical Properties of Praseodymium bis-Phtalocyanine in Sol-Gel Thin Films. (P)
The Jabłoński Centenn.Conf.on Luminescence and Photophysics, TORUŃ, PL, 1998.07 23-27
118. M.May, S.Debrus, J.Venturini, **J. BARAN, H. RATAJCZAK**,
Second-Order Phase Matching in Na₂SeO₄·H₂SeO₃·H₂O Crystal. (L)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22-25
119. L.Menon, P.de V.Du Plessis, A.M.Strydom, **R. TROĆ**,
Effect of Th Substitution on U. Possible KONDO Insulating Behavior in U₂Ru₂Sn. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15-18
120. V.Pavlyuk, G.Dmytriev, O.Bodak, **J. STĘPIEŃ-DAMM**,
New Variant of the Structure of the Li_{1-x}Zn_{0.5-1.5}Al_{1.5-0.5} Intermetallic Compound. (P)
18th Eur. Crystallographic Meet. PRAGUE, CZ, 1998.08 15-20
121. **A. PIETRASZKO, A. HAZNAR**,
Isostructural Phase Transition in Superionic Conductors Rb₄LiH₃(SeO₄)₄ and K₄LiH₃(SO₄)₄. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCŁAW & POLANICA-Zdrój, PL, 1998.05 04-07
122. **A. PIETRASZKO, A. HAZNAR**,
X-ray Study of Superionic Phase Transitions of (Me₄)₄LiH₃(XO₄)₄ Crystals (Me = Rb, K, NH₄; X = S, Se) Using CCD Detector. (P)
13th Czech-Polish Semin.on Structural and Ferroelectric Phase Transitions, LIBLICE, CZ, 1998.05 18-22
123. **A. PIETRASZKO, B.Hilczer, A.Pawłowski**,
Structural Aspects of Fast Proton Transport in (NH₄)₃H(SeO₄)₂ Single Crystals. (L)
5th Int.Symp.on Systems with Fast Ionic Transport, WARSAW, PL, 1998.04 22-25
124. **A. PIETRASZKO, D. KUCHARCZYK, A.Pawłowski**,
Crystal Structure and Phase Transitions in Ferroelectric Crystals of (CH₃)₂NH₂H₂PO₄. (P)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17-21
125. **A. PIETRASZKO, K. ŁUKASZEWICZ, B.Hilczer**,
Comparison of the Structural Mechanism of Superionic Phase Transitions in Me₄LiH₃(SeO₄)₄, (NH₄)₄H₂(SeO₄)₂ and Me₃H(SeO₄)₂. (P)
18th Eur. Crystallographic Meet. PRAGUE, CZ, 1998.08 15-20

126. **A. PIETRASZKO**, J.Oszust,
Determination of Crystal Structure of 2,4-Dichlorophenyl- 2-Ethylamine Using CCD Detector. (P)
Semin.on Organic Crystals, POZNAŃ, PL, 1998.09 10–11
127. **T. PLACKOWSKI**,
Thermal Conductivity of SmBi₂Cu₃O_{7-δ} Oxidized at 250 bar. A Comparison of the ‘Phonon’ and ‘Electron’ Models. (P)
Exp.Worksh.on High Temperature Superconductors and Related Materials, SAN CARLOS de BARILOCHE, AR, 1998.10 19 –.11 06
128. **T. PLACKOWSKI**, **C. SUŁKOWSKI**, **D. WŁOSEWICZ**,
Inter-grain Properties of Pressure–Oxygen ReBa₂Cu₃O_{7-x}. (P)
5th High-Temperature Superconductors and Novel Inorganic Materials Engineering, MSU-HTSC V, NATO Adv.Res.Worksh., MOSCOW, RU, 1998.03 24–29
129. H.Podbielska, **W. STREK**,
Laser-Induced Anti-STOKES Luminescence for Protection of Documents and Security Papers. (C)
2nd Int.Conf.on Optical Security and Counterfeit Deterrence Techniques, SAN JOSE, CA, US, 1998.01 28–30
130. **H. RATAJCZAK**,
Acid–Base Hydrogen-Bonded Molecular Materials with Nonlinear Optical Properties. (I)
Ann.Sch.on Physical Organic Chemistry: Acid–Base Properties of Organic Compounds, PRZESIEKA, PL, 1998.06 01–06
131. **H. RATAJCZAK**, M.May, **J. BARAN**, J.Barycki, S.Debrus, N.Pincon,
Molecular Materials for Nonlinear Optics. (I)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
132. **A. RUBASZEK**, Z.Szotek, W.Temmerman,
Non-Local Positron–Electron Correlations in Solids. (P)
30th [Int.] Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21
133. **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, **G. DOMINIĄK-DZIK**, **I. SOKÓLSKA**, M.Berkowski,
Growth and Optical Properties of Chromium-Doped LaGaO₃ Crystal. (P)
13th Conf.on Solid State Crystals, ZAKOPANE, PL, 1998.10 12–16
134. J.Rybczyński, A.Ratuszna, **A. WAŚKOWSKA**, P.Daniel, J.S.Gesland,
Reinvestigation of the Crystal Structure of Hexagonal RbZnF₃ Perovskite by Powder and Single Crystal X-ray Diffraction. (P)
6th Eur. Powder Diffraction Conf. BUDAPEST, HU, 1998.08 22–25
135. J.Rybczyński, A.Ratuszna, **A. WAŚKOWSKA**, Ph.Daniel, J.Y.Gesland,
Re-investigation of the Crystal Structure of Hexagonal RbZnF₃ Perovskite by Powder and Single Crystal X-ray Methods. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
136. T.Sakakibara, T.Tayama, K.Tenya, H.Amitsuka, D.Aoki, Y.Ōnuki, **Z. KLETOWSKI**,
Magnetization Study on the Antiferro-Quadrupolar Ordering in PrPb₃. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
137. J.Schoenes, U.Barkov, M.Broschwitz, J.Lammers, K.Litfin, R.Schulz, **D. KACZOROWSKI**, B.Becker, A.Menovsky, N.Patil,
Ellipsometry with Synchrotron Radiation on UGa₃ and URu₂Si₂. (L)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16

138. A.Ślebarski, A.Jeziński, **A. ZYGMUNT**,
Band Gap Stability in CeNiSn. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
139. **I. SOKÓLSKA**, **E. MUGEŃSKI**, R. CYWIŃSKI,
Geminate and Distant Radiative Recombination of $e - h$ Pairs in Si-Centers in Porous Glasses. (P)
Conf.on Lasers and Electrooptics [CLEO] Europe, GLASGOW, Sc, UK, 1998.09 13–18
140. **I. SOKÓLSKA**, **E. MUGEŃSKI**, R. CYWIŃSKI,
Radiative Electron–Hole Recombination in Nanosized Si-Silica Clusters in Porous Glasses. (P)
Conf.on Lasers and Electrooptics [CLEO] Europe, GLASGOW, Sc, UK, 1998.09 14–18
141. **I. SOKÓLSKA**, I.Pracka, T.Łukasiewicz,
Growth and Spectroscopic Properties of LiNbO₃ Doped with Nd³⁺ and Yb³⁺ Ions. (P)
12th Int.Conf.on Crystal Growth and the 10th Int.Conf.on Vapor Growth and Epitaxy, JERUSALEM, IL, 1998.07 26–31
142. **I. SOKÓLSKA**, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, M.Świrkowicz, T.Łukasiewicz,
The Spectroscopic Characterization of the LiTaO₃ Single Crystals Doped with Tm³⁺ Ions. (P)
13th Conf.on Solid State Crystals, ZAKOPANE, PL, 1998.10 12–16
143. **H. STACHOWIAK**,
Screening of a Positron in an Inhomogeneous Electron Gas. (I)
30th [Int.] Semin.on Positron Annihilation, JARNOŁTÓWEK, PL, 1998.09 17–21
144. **W. STRĘK**,
Emission Spectra of Er-Doped Silica Fibers Obtained by Sol–Gel Method. (P)
World Ceramic Congr., FLORENCE, IT, 1998.06 14–19
145. **W. STRĘK**, **K. MARUSZEWSKI**, **M. JASIOŃSKI**, **M. BAŁUKA**, R. CYWIŃSKI, P.Pershukovich,
Spectroscopic Properties of CdS Nanoparticles Embedded in LiF Films and Sol–Gel Silica Glasses. Comparative Studies. (P)
World Ceramic Congr., FLORENCE, IT, 1998.06 14–19
146. A.M.Strydom, P.de V.Du Plessis, **R. TROĆ**,
Magnetic Susceptibility and Magnetoresistance of Non-FERMI Liquid U_{1-x}Th_xPd₂Al₂. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
147. J.Suchanicz, **M. DRULIS**,
Low Temperature Specific Heat of Na_{0.5}Bi_{0.5}TiO₃ Single Crystals. (P)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
148. J.Suchanicz, **A. JEŻOWSKI**, R.Poprawski,
Low Temperature Thermal and Dielectric Properties of Na_{0.5}Bi_{0.5}TiO₃. (P)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
149. **CZ. SUŁKOWSKI**, **T. PLACKOWSKI**, W.Sadowski,
Thermopower Anisotropy for YBa₂Cu₃O_{6+x} Single Crystals with $T_c = 0-50$ K. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL, 1998.08 17–21
150. **CZ. SUŁKOWSKI**, **A. SIKORA**, **P.W. KLAMUT**, **R. HORYŃ**, **M. WOŁCYRZ**,
Transport Properties and Time Relaxation of Oxygen Sublattice in Nd₂CuO_{4-x}. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL, 1998.08 17–21

151. **W. SUSKI**,
Physics of the f-Electron Intermetallics. (I)
Int.Conf.: Physics of the Turn of the 21st Century, ST PETERSBURG, RU, 1998.09 28 –10 02
152. **M. SUSZYŃSKA, L. KRAJCZYK**,
Identification of Precipitates in Ion-Exchanged Soda–Lime Silicate Glasses Using Electron Diffraction Technique. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
153. **M. SUSZYŃSKA, L. KRAJCZYK, R.Capelletti, K.J.Berg**,
Dielectric Properties of Phase-Separated Soda–Lime Silicate Glasses. (C)
Int.Worksh.on Nanoscale Structure and Kinetics at Solid Interfaces, HALLE (Saale) DE, 1998.09 28–30
154. **M. SUSZYŃSKA, L. KRAJCZYK, A.Gubański, R.Capelletti, K.J.Berg**,
Sodium Motion in Phase-Separated and Silver-Exchanged Soda–Lime Silicate Glasses. (P)
Eur.Conf.on Defects in Materials [Science] KEELE, E, UK, 1998.07 06–11
155. **M. SUSZYŃSKA, B. MACALIK, M.Nikl**,
Electrical Characterization of PbWO₄ Crystals. (P)
Eur.Conf.on Defects in Materials [Science] KEELE, E, UK, 1998.07 06–11
156. **M.B.Tchoula Tchokonté, D. KACZOROWSKI, P.de V.Du Plessis, A.M.Strydom**,
KONDO Behavior of Ce_{1-x}La_xCu₅In and CeCu₅In_{1-x}M_x (M = Al or Ga). (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
157. **P. TEKIEL**,
Quantum Creep in “Dense” Mixed State of Type-II Superconductors. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL, 1998.08 17–21
158. **P.E. TOMASZEWSKI, A. PIETRASZKO**,
Wstępne udokładnianie struktury (N(C₂H₅)₄)₂MnBr₄. [Preliminary (N(C₂H₅)₄)₂MnBr₄ Structure Refinement.] (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
159. **P.E. TOMASZEWSKI, A. PIETRASZKO, M. WOŁCYRZ**,
(N(C₂H₅)₄)₂MnBr₄ – New Type of Crystal Structure?. (P)
23rd Int.Sch.on Ferroelectrics Physics, KUDOWA, PL, 1998.09 17–21
160. **V.H. TRAN**,
Struktury magnetyczne układów KONDO U₂PdGa₃ i U₂PtGa₃. [Magnetic Structures of KONDO Systems U₂PdGa₃ and U₂PtGa₃.] (L)
II Ogólnop.Semin. Rozpraszania Neutronów, MAĐRALIN (Otwock), PL, 1998.10 19–20
161. **V.H. TRAN, R. TROĆ, T. CICHOREK**,
Study of Strongly Correlated Electron System UCu₅Sn. (P)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
162. **V.H. TRAN, R. TROĆ, R.Pietri, B.Andraka**,
The Heavy Fermion Behavior of a Ferrimagnet UCu₅Sn. (P)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
163. **R. TROĆ**,
Systematyka struktur magnetycznych potrójnych związków uranu. [Systematics of Magnetic Structures in Uranium Ternary Compounds.] (L)
II Og.-pol.Semin. Rozpraszania Neutronów, MAĐRALIN (Otwock), PL, 1998.10 19–20

164. **R. TROĆ**,
Non-FERMI Liquid Behavior in f-Electron Systems. (L)
Pendulum Semin. Cracow–Vienna, LINDABRUNN, AT, 1998.04 15–17
165. **R. TROĆ, D. KACZOROWSKI, V.H. TRAN, V.I.Zaremba**,
Magnetic Instability in the KONDO Lattice Solid Solutions of (T,U)Cu₅(M,Ga)-Type, where T = Y and Th; M = Al, IN, Sn. (C)
[6th] Int.Conf.on Strongly Correlated Electron Systems, PARIS, FR, 1998.07 15–18
166. **R. TROĆ, V.H. TRAN, D. KACZOROWSKI, B.Andraka**,
New Heavy Fermion Systems UCu₅M (M = Al, IN, Sn). (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
167. **R. TROĆ, V.H. TRAN, D. KACZOROWSKI, V.I.Zaremba**,
Substitution Effect in New Mass-Enhanced UCu₅M Phases (M = Al, In, Sn). (L)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
168. A.Ulatowska, D.Andrzejewski, **K. MARUSZEWSKI, H.Podbielska, W. STREK**,
Advantages of Sol–Gel Technologies for Biomedical Applications. (C)
4th Int.Conf.on Optical and Imaging Techniques for Biomonitoring, STOCKHOLM, SE, 1998.09 08–12
169. **J. ULNER, R. LEMAŃSKI**,
Indirect Coupling between Localized Magnetic Moments via Band Electrons. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
170. P.Vajda, F.Beuneu, **O.J. ŻOGAŁ, A. PIETRASZKO**,
Defects and Defect Precipitates in AlH₃. (L)
1998 Spring Meeting of the Materials Research Society, SAN FRANCISCO, CA, US, 1998.04 13–17
171. A.Vassilikou-Dova, **B. MACALIK, I.M.Kalogeras, M.Calamiotou, C.A.Londos, L.Fytros**,
TSDC Probe of Anisotropic Polarizability in Fluorapatite Single Crystals. (P)
Eur.Conf.on Defects in Materials [Science] KEELE, Engl., UK, 1998.07 06–11
172. L.V.Viduta, T.A.Gavrillo, Z.O.Tkachenko, A.G.Chepilko, **J. BARAN, M. MARCHEWKA**,
Lateral Interactions and Structure of Thin Organic Films Built of Polar Long-Chain Aliphatic Compounds. (P)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
173. M.Weyrauch, **A. SZPRYNGER**,
Structure Factors of ³He–⁴He Mixtures. (P)
Int.Semin.on Quantum Fluids & Solids, AMHERST, MA, US, 1998.06 09–14
174. **P. WIŚNIEWSKI, A.Gukasov, Z. HENKIE**,
Collinear and Non-Collinear Magnetic Phases in U₃X₄ Pnictides. (P)
11th [Int.]Semin.on Phase Transitions and Critical Phenomena, WROCLAW & POLANICA-Zdrój, PL, 1998.05 04–07
175. **P. WIŚNIEWSKI, A.Gukasov, Z. HENKIE**,
Magnetic Structures of U₃X₄-Type Pnictides. (P)
6th Summ.Sch.on Neutron Scattering, ZUOZ, CH, 1998.08 08–14
176. **P. WIŚNIEWSKI, A.Gukasov, Z. HENKIE**,
Magnetic Structures of U₃X₄-Type Pnictides. (P)
NATO Adv.Study Inst.on Muon Science & 51st SuSSP, St ANDREWS, Sc, UK, 1998.08 17–28

177. **K. WOCHOWSKI, W. SUSKI,**
Physical Properties of the $UMn_{4-x}Fe_xAl_8$ Alloys for Low Fe Concentration. (P)
28èmes Journées des Actinides, UPPSALA, SE, 1998.05 14–16
178. A.Wojakowska, E.Krzyżak, **A. WOJAKOWSKI,**
Phase Diagram for the CuBr–CsBr System. (C)
15th Int.Conf.on Chemical Thermodynamics, PORTO, PT, 1998.07 26 –.08 01
179. **A. WOJAKOWSKI, R. HORYŃ,** O.Peña, C.Hamard, F.Le Berre,
Superconducting Materials Based on the Binary Compound Mo_6Se_8 . (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
180. **M. WOŁCYRZ, M. KĘPIŃSKI, R. HORYŃ,**
Structure and Superstructure of $BiNdSr_2O_6$ and $BiLuSr_2O_6$ by X-ray Diffraction and Electron Microscopy. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
181. **P. WRÓBEL,**
Symmetry of Binding in Doped Antiferromagnets. (P)
Sch.on Polarons and Magnetism in High- T_c Superconductors, ERICE (Sicily) IT, 1998.06 13–30
182. **P. WRÓBEL,** R.Eder,
Symmetry of Binding in Doped Antiferromagnets. (P)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL,
 1998.08 17–21
183. **P. WRÓBEL,** R.Eder,
Binding of Spin Polarons in Doped Antiferromagnets. (C)
Int.Conf.on Superconductivity and Magnetism, ERICE (Sicily) IT, 1998.06 13–23
184. **J. WRZYSZCZ, H. GRABOWSKA, R. KLIMKIEWICZ,** L.Syper,
Utleniająca kondensacja n -dekanolu. [Oxidative Condensation of n -Decanol.] (C)
XLI Zjazd PTChem. i SITPChem. [41st Congr.of Pol.Chem.Soc.] WROCLAW, PL, 1998.09 14–18
185. **J. WRZYSZCZ, H. GRABOWSKA, R. KLIMKIEWICZ,** L.Syper,
Ketonizacja alifatycznych związków tlenowych. [Ketonization of Aliphatic Oxygen-Containing Compounds.] (P)
XLI Zjazd PTChem. i SITPChem. [41st Congr.of Pol.Chem.Soc.] WROCLAW, PL, 1998.09 14–18
186. **J. WRZYSZCZ, H. GRABOWSKA, R. KLIMKIEWICZ,** L.Syper,
Nowa metoda katalitycznej alkilacji naftoli. [New Method of Catalytic Alkylation of Naphtole.] (C)
XLI Zjazd PTChem. i SITPChem. [41st Congr.of Pol.Chem.Soc.] WROCLAW, PL, 1998.09 14–18
187. **J. WRZYSZCZ, H. GRABOWSKA,** L.Syper,
Alkilacja fenolu, naftoli i niektórych ich pochodnych alkoholami wobec katalizatora żelazowego. [Alkylation of Phenol, Naphthols and Some of Their Derivatives over Iron Catalyst.] (I)
All-Polish Symp.on Catalysis and Catalysts for Petrochemical Processes, POZNAŃ, PL, 1998.05 15
188. **J. WRZYSZCZ, R. KLIMKIEWICZ, H. GRABOWSKA,**
Transestryfikacja i ketonizacja – nowy kierunek wykorzystania tłuszczów technicznych. [Transestrification and Ketonization — the New Way of the Utilization of Technical Greases.] (P)
4th Conf.on Waste-Free Technol.& Waste Utilization in Chem. Industry and Agriculture]
 ŁUKĘCIN, PL, 1998.05 18–21

189. **J. WRZYSZCZ, W. MIŚTA, M. ZAWADZKI,**
Koncepcja technologiczna wytwarzania sorbentów i nośników glinowych metodą energooszczędną i bezodpadową. [Energy-Saving and Waste-Free Technological Conception of Production of Alumina Adsorbents and Carriers.] (C)
4th Conf.on Waste-Free Technol.& Waste Utilization in Chem. Industry and Agriculture
 ŁUKĘCIN, PL, 1998.05 18–21
190. A.M.Yaremko, D.I.Ostrovski, **H. RATAJCZAK,** B.Silvi,
Strong Anharmonic Effects and Generation of Anomalously Broad Bands of High Frequency Vibrations of Molecular Type Crystals. (P)
24th Eur.Congr.on Molecular Spectroscopy, PRAGUE, CZ, 1998.08 23–28
191. A.M.Yaremko, M.Ya.Valakh, O.V.Trylis, **H. RATAJCZAK, J. BARAN,**
Anharmonic Effects and Temperature Dependence of the Lattice Spectra of Ferroelectric Crystals $A_3B_3C_9$. (I)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
192. A.M.Yaremko, E.F.Venger, **H. RATAJCZAK,**
Giant Non-Linearities of Organic-Based Crystals. (P)
24th Eur.Congr.on Molecular Spectroscopy, PRAGUE, CZ, 1998.08 23–28
193. A.M.Yaremko, E.F.Venger, **H. RATAJCZAK,**
Giant Non-Linearities of Organic-Based Crystals. (P)
Int.Conf.on Science and Technology of Synthetic Metals. MONTPELLIER, FR, 1998.07 12–18
194. **A.J. ZALESKI, J. KLAMUT,**
The Anisotropy of the Penetration Depth in LaSrCuO Family. (I)
2nd Polish-US Conf.on High Temperature Superconductivity, WROCLAW & KARPACZ, PL, 1998.08 17–21
195. **A.J. ZALESKI, J. KLAMUT,**
Penetration Depth Anisotropy in Nickel and Zinc Substituted $La_{1.85}Sr_{0.15}CuO_4$. (C)
3rd Japan–Central Europ.Joint Wksh.on Modelling and Simulation of Nonlinear Engineering Systems and Related Phenomena, BRATISLAVA, SK, 1998.09 27–30
196. V.I.Zaremba, Ya.M.Kalychak, **J. STĘPIEŃ-DAMM, D. KACZOROWSKI,**
Crystal Structure of a New Ternary Indide, $CePt_2In_2$. (P)
XL Konwers. Krystalograficzne [40th Polish Crystallographic Meet.] WROCLAW, PL, 1998.06 29–30
197. R.G.Zhbankov, S.P.Firsov, E.V.Korolik, P.T.Petrov, M.P.Lapkovski, V.M.Tsarenkov,
M.K. MARCHEWKA, H. RATAJCZAK,
Vibrational Spectra and the Structure of Biopolymers for Medical Purposes. (L)
2nd Int.Conf.on Vibrational Spectroscopy in Materials Science, CRACOW, PL, 1998.10 22–25
198. J.Ziaja, **W. MIŚTA,**
Cienkie warstwy nadprzewodników wysokotemperaturowych YBaCuO wykonane metodą zol–żel. [Superconducting YBaCuO Thin Films Prepared by Sol–Gel Method.] (C)
3rd Conf.on Advances in Electrotechnology, SZKLARSKA POREBA, PL, 1998.09 08–11
199. J.Ziaja, **W. MIŚTA,**
Emisja akustyczna z cienkich warstw $YBa_2Cu_3O_x$ otrzymanych metodą zol–żel. [Acoustic Emission of $YBa_2Cu_3O_x$ Thin Film Prepared by Sol–Gel Method.] (P)
3rd Conf.on Advances in Electrotechnology, SZKLARSKA POREBA, PL, 1998.09 08–11
200. J.Ziaja, **W. MIŚTA,**
Zastosowanie w detekcji gazów cienkich warstw tlenków Ce–Zr– O_{2-x} otrzymanych metodą rozpylania magnetycznego. [Application of Magnetron-Sputtering-Obtained Ce–Zr– O_{2-x} –Oxide Thin Layers to Gas Detection.] (C)
5th Polish Conf.on Optoelectronic and Electronic Sensors, JURATA, PL, 1998.05 10–13

201. **O.J. ŻOGAŁ**, A.H.Vuorimäki, E.E.Ylinen,
²H NMR in Nearly Stoichiometric Yttrium Dideuteride. (I)
AMPÉRE 6th NMR School, ZAKOPANE, PL, 1998.05 31 –.06 05
-