

LISTA PUBLIKACJI 1991 LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. **H. DRULIS, M. DRULIS,**
[2 Magnetic Properties of Rare Earth Elements, Alloys and Compounds. 2.1] Rare Earth Elements.
In: *Landolt–Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 19: *Magnetic Properties of Metals*, ed. by H.P.J. Wijn, Subvol. D: *Rare Earth Elements, Hydrides and Mutual Alloys* (Berlin: Springer-Vg 1991) Pt 1, 189 pp.
2. **A. PIETRASZKO,**
Rozszerzalność termiczna wybranych kryształów w obszarze przejść fazowych. [Thermal Expansion of Selected Crystals in the Regions of Phase Transition.]
(Wrocław: INTiBS PAN 1991.08) 87 pp. [in Polish].
3. **J. RUDNY[†], P.J. GODOWSKI,**
Structure and Surface Composition of Co–VIII Group Metal Alloys.
In: *Collected Contributions to Physical Properties of Surface and Subsurface Layer of Condensed Matter*, (Łódź: Univers. Press 1991) pp. 36–8.
4. **R. TROĆ, W. SUSKI,**
[3.1] Actinide elements.
In: *Landolt–Börnstein Numerical Data and Functional Relationship in Science and Technology, New Series*, ed. by W.Martienssen, Group III: *Condensed Matter*, Vol. 19: *Magnetic Properties of Metals*, ed. by H.P.J. Wijn, Subvol. F1: *Actinides and Their Compounds with Other Elements*. (Berlin: Springer-Vg 1991) Pt 1, 90 pp.
5. **A.J. ZALESKI, J. KLAMUT,**
Magnetic Ordering in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and Related Systems.
In: *Studies of High Temperature Superconductors. 8*, ed. by A.Narlikar (Commack, NY: Nova Sci.Publ. 1991) pp. 229–59.

ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

6. S.Åsbrink, **A. PIETRASZKO,**
BOND Diffractometer Measurements on Ti_3O_5 in the Temperature Region 90 to 720 K.
phys. stat. sol. (a) **128**₂ (1991) K77–81. [DOI]
7. S.Åsbrink, **A. WAŚKOWSKA,**
CuO: X-ray Single Crystal Structure Determination at 196 K and Room Temperature.
J. Phys. Cond. Matt. **3**₄₂ (1991) 8173–80. [DOI]
8. **M. BAŁUKA, A. WYROSTEK,**
UV Absorption Spectrum of Nickel Atoms in Low-Temperature Water Matrix at 77 K.
Bull. Pol. Ac. Chem. **39**₄ (1991) 363–7.

9. **J. BARAN**, M.M. Ilczyszyn, R. Jakubas, **H. RATAJCZAK**,
Polarized Infrared Spectra of Ammonium Hydrogen *bis*-Chloroacetate in Paraelectric Phase.
J. Mol. Struct. **246**_{1/2} (1991) 1–12. [\[DOI\]](#)
10. **J. BARAN**, T. Lis, **M. MARCHEWKA**, **H. RATAJCZAK**,
Structure and Polarized IR and RAMAN Spectra of $\text{Na}_2\text{SeO}_4 \cdot \text{H}_2\text{SeO}_3 \cdot \text{H}_2\text{O}$ Crystal.
J. Mol. Struct. **250**₁ (1991) 13–45. [\[DOI\]](#)
11. **K. BARTKOWSKI**, **J. RAFAŁOWICZ**,
Anizotropia przewodnictwa cieplnego monokryształów cyny w zależności od koncentracji domieszek w zakresie temperatur 5–70 K. [Anisotropy of Thermal Conductivity of Tin Single Crystals Depending on the Admixture Concentration in the Temperature Range 5–70 K.]
Chłodnictwo **26**₁ (1991) 12–7 [in Polish].
12. W. Bażela, J. Leciejewicz, A. Szytuła, **A. ZYGMUNT**,
Magnetism of DyPd_2Si_2 and ErPd_2Si_2 .
J. Magn. Magn. Mater. **96**_{1–3} (1991) 114–20. [\[DOI\]](#)
13. M. Bouazaoui, B. Jacquier, C. Linares, **W. STREK**,
Two-Photon Transitions of Gd^{3+} in Cubic $\text{Cs}_2\text{NaGdCl}_6$.
J. Phys. Cond. Matt. **3**₈ (1991) 921–6. [\[DOI\]](#)
14. M. Bouazaoui, B. Jacquier, C. Linares, **W. STREK**, R.L. Cone,
Analysis of the $^8\text{S}_{7/2} \rightarrow ^6\text{P}_J$ Two-Photon Absorption Transitions of Gd^{3+} in $\text{Cs}_2\text{NaGdCl}_6$.
J. Lumin. **48/49** (1991) 318–20 [pt I]. [\[DOI\]](#)
Int. Conf. on Luminescence, LISBON, PT, 1990.07 16–20
15. C. Brezinski, **S. PASZKOWSKI**,
Optimal Linear Contractive Sequence Transformations.
J. Comput. Appl. Math. **38**_{1–3} (1991) 45–59. [\[DOI\]](#)
Int. Symp. on Computational Mathematics, MATSUYAMA, JP, 1990.08 30 –.09 04
16. **G. CHLEBOSZ**, **J. KALECIŃSKI**,
Influence of the Physical State of Alcohol–Water Matrix on Trapped Electrons.
ZfI-Mitt. (Leipzig) Nr 88 (1991) 157–62.
5th Work. Meet. on Radiation Interaction, LEIPZIG, DD, 1990.09 24–27
17. **M. CISZEK**, **A.J. ZALESKI**, **J. OLEJNICZAK**, L.J.M. van de Klundert,
Energy Losses in High- T_c Superconductors in AC and DC-Bias Low Magnetic Fields.
Physica C **185-9** (1991.12) 2135–6 [pt IV]. [\[DOI\]](#)
3rd Int. Conf. on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP, 1991.07 22–26
18. **A. CZOPNIK**, R.A. Elenbaas, W.C.M. Mattens,
Heat Capacity of DyIn_3 .
phys. stat. sol. (a) **123**₁ (1991) 285–9. [\[DOI\]](#)
19. **A. CZOPNIK**, J. Kowalewski, M. Hackemer,
Magnetic Phase Diagram of NdIn_3 .
phys. stat. sol. (a) **127**₁ (1991) 243–51. [\[DOI\]](#)
20. **A. CZOPNIK**, H. Mádge, R. Pott,
Thermal Properties of TmGa_3 .
phys. stat. sol. (b) **163**₂ (1991) 473–80. [\[DOI\]](#)
21. **A. CZOPNIK**, H. Mádge, J. Zieglowski,
Magnetic Phase Diagram of ErIn_3 .
phys. stat. sol. (a) **127**₂ (1991) 473–82. [\[DOI\]](#)

22. **J.Z. DAMM, B. MACALIK,**
Aggregation of the Dopant Ions in NaCl:Eu²⁺ Crystals.
phys. stat. sol. (b) **164**₂ (1991) K113–8. [\[DOI\]](#)
23. **S. DANIUK, M. ŠOB, A. RUBASZEK,**
Theoretical Calculations of Positron Annihilation with Rare-Gas Core Electrons in Simple and Transition Metals.
Phys. Rev. B **43**₄ (1991) 2580–93. [\[DOI\]](#)
- **L.E.De Long, H.Drulis, Z.G.Xu, J.W.Brill,**
Magnetoelastic Response of NbSe₂.
Bull. Am. Phys. Soc. II **36**_{??} (1991) 958–61.
 1991 March Meet. of American Physical Society, CINCINNATI, OH, US, 1991.03 18–22
24. **P. DEREŃ, W. STREK, B. JEŻOWSKA-TRZEBIATOWSKA, I. Trabjerg,**
The Optical Spectra of Co²⁺ in MgAl₂O₄ Spinel.
J. Phys. IV (France) **1** Colloq. 7 (1991.12) C7-297–83.
 2d Int. Conf. on Lasers M²P (Mat. Engng., Med./Biol. & Phys./Chem.), GRENOBLE, FR, 1991.07 09–11
25. **V.M.Dmitriev, V.N.Eropkin, A.M.Gurevich, A.P.Isakina, V.M.Kobelev, A.I.Prokhvatilov, L.V.Shlyk, R. TROĆ, V.H. TRAN,**
On Anomalous Behavior of Heat Capacity and Structural Properties of UNiGe at Temperatures below 100 K.
Fiz. Nizk. Temp. **17**₉ (1991) 1051–4. Also in: *Sov. J. Low Temp. Phys.* **17**₉ (1991) 547–8.
 1st Int. Conf. on Strongly Correlated Electron States in Condensed Media, *** (Crimea) UA, 1991.04 29 –.05 07
- **H.Drulis, Z.G.Xu, J.W.Brill, L.E.De Long, J.-C.Hou,**
Observation of an Extended Region of Magnetic Reversibility in Nb and NbSe₂.
Phys. Rev. B **44**₉ (1991) 4731–4. [\[DOI\]](#)
26. **A. DRZEWIŃSKI, J. SZNAJD,**
On the Real-Space Renormalization-Group Study of Some 2D Quantum Spin Systems.
Physica A **170**₂ (1991) 415–38. [\[DOI\]](#)
27. **A. DRZEWIŃSKI, J. SZNAJD, J. Zittartz,**
Renormalization Group Approach to Three-State Spin Models in Two Dimensions.
Z. Phys. B **84**₁ (1991) 125–9. [\[DOI\]](#)
28. **K. DURCZEWSKI, M. Ausloos,**
Theory of Thermoelectric Power of Model Semimetals and Semiconductors.
Z. Phys. B **85**₁ (1991) 59–68. [\[DOI\]](#) See also Erratum: *ibid.*, **92**₃ (1993) 409–10. [\[DOI\]](#)
29. **Yu.A.Freiman, V.V.Sumarokov, A.P.Brodyanskiĭ, A. JEŻOWSKI,**
Quantum Melting in a System of Rotators.
J. Phys. Cond. Matt. **3**₂₁ (1991) 3855–8. [\[DOI\]](#)
30. **Z. GAJEK, J. MULAK,**
Angular Overlap Model in Actinides.
Eur. J. Solid State Inorg. Chem. **28** Suppl. (1991) 101–4.
 1st Int. Conf. on f-Elements: New Developments in f-Elements, LEUVEN, BE, 1990.09 04–07
31. **M. GAŁCZYŃSKI, W. STREK,**
Concentration Dependence of Absorption Spectra of Pr³⁺ in LiLa_{1-x}Pr_xP₄O₁₂ Crystals.
J. Phys. Chem. Solids **52**₅ (1991) 681–3. [\[DOI\]](#)

32. C.Geibel, S.Thies, **D. KACZOROWSKI**, A.Mehner, A.Grauel, B.Seidel, U.Ahlheim, R.Helfrich, K.Petersen, C.D.Bredl, F.Steglich,
A New Heavy-Fermion Superconductor: UNi₂Al₃.
Z. Phys. B **83**₃ (1991) 305–6. [\[DOI\]](#)
33. **P.J. GODOWSKI**,
Analysis of Surface Segregation in Co–Ru Alloy Using AUGER Electron Spectroscopy.
Appl. Surf. Sci. **47**₄ (1991) 333–40. [\[DOI\]](#)
34. **P.J. GODOWSKI**, F.Ørskov, M.Christiansen, J.Onsgaard,
Samarium Silicide Formation by Ultrathin Film Reaction.
Thin Solid Films **205**₁ (1991) 35–8. [\[DOI\]](#)
35. **P.J. GODOWSKI**, **K. PRZYBYLSKI**,
Analiza nakładania się pasm w widmie różniczkowym elektronów AUGERA. II. Wpływ różnicy szerokości pasm na błąd pomiaru natężenia sygnału. [Examination of Band Overlapping in Differential AUGER Electron Spectrum. II. Effect of Difference in Band Width on Signal Intensity Measurement Error.]
Chem. Analit. **36**₄ (1991) 667–72 [in Polish].
36. **J. HANUZA**, **K. HERMANOWICZ**, **B. JEŻOWSKA-TRZEBIATOWSKA**, **A. PIETRASZKO**, S.P.Feofilov, T.J.Maksimova, S.A.Basun,
Physicochemical Properties and Structure of the Elpasolite Crystal Formed in the CsCl:K₃Cr(CN)₆ Aqueous Solution.
Bull. Pol. Ac. Chem. **35**₄ (1991) 331–46.
37. **J. HANUZA**, **J. KLAMUT**, **B. JEŻOWSKA-TRZEBIATOWSKA**, **A.J. ZALESKI**, R.Capelletti, **M. CISZEK**, **J. OLEJNICZAK**, **J. STĘPIEŃ-DAMM**,
Vibrational Properties of R:Ba:Cu = 1:2:3 Superconductors. II. The Phonon Properties of the GdBa₂Cu₃O_{6.8–7.0} Superconductor at Temperatures above and below T_c.
J. Mol. Struct. **249**_{2–4} (1991) 245–55. [\[DOI\]](#) For I. see: *ibid.*, **193** (1989.02) 57–72. [\[DOI\]](#)
38. **Z. HENKIE**, **P. WIŚNIEWSKI**, **R. FABROWSKI**, R.Maślanka,
Dependence of Ordering Temperature on Pressure, Carrier Density and U–U Distance in Uranium Pnictides: Pressure and HALL Effects Examinations of UP₂ and USb₂.
Solid State Commun. **79**₁₂ (1991) 1025–8. [\[DOI\]](#)
39. B.Hilczler, **A. PIETRASZKO**, P.Piskunowicz, L.Szczepańska, **J. STĘPIEŃ-DAMM**,
DTA and X-ray Studies of α-LiNH₄SeO₄ Single Crystals.
Ferroelectrics **124**_{1–4} (1991) 97–102. [\[DOI\]](#)
7th Europ.Meet.on Ferroelectricity, DIJON, FR, 1991.07 08–12
40. **R. HORYŃ**, **A. SIKORA**,
On Thermal Stability and Mechanism of Formation of the 2223-Structure Type Phase in Bi–Sr–Ca–Cu–O System.
Physica C **185-9** (1991. 12) 475–6 [pt I]. [\[DOI\]](#)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP, 1991.07 22–26
41. E.P.Houwman, D.Veldhuis, J.Flokstra, H.J.M.ter Brake, **W. JASZCZUK**, A.Martinez, H.Rogalla,
DC–SQUID Sensor System for Multichannel Neuromagnetometry.
IEEE Tr. Magn. **27**₂ (1991) 2955–8 [pt IV]. [\[DOI\]](#)
1990 Applied Superconductivity Conf., SNOWMASS, CO, US, 1990.09 24–28
42. **J. JANCZAK**, **R. KUBIAK**,
X-ray Study of Annealing Process of Au₃Cu, AuCu and AuCu₃ at 270 °C in Air.
Mater. Sci. Forum **79-82** (1991) 567–74 [pt II].
1st Eur. Powder Diffraction Conf., MUNICH, DE, 1991.03 14–16

43. T.Jarlborg, B.Barbiellini, **E. BOROŃSKI**, P.Genoud, M.Peter,
Positron Annihilation and Correlation in High- T_c Oxides.
J. Phys. Chem. Solids **52**_{11/12} (1991) 1515–23. [DOI]
Worksh.on Fermiology of High- T_c Superconductors, ARGONNE, IL, US, 1991.03 25–27
44. **W. JASZCZUK**, H.J.M.ter Brake, J.Flokstra, D.Weldhuis, R.Stammis, H.Rogalla,
Bonding of a Niobium Wire to a Niobium Thin Film.
Meas. Sci. Technol. **2**₁₁ (1991) 1121–2. [DOI]
45. **A. JEŹOWSKI**, **P.W. KLAMUT**,
Thermal Conductivity of Nd–Ce–Cu–O Superconductors.
J. Less-Comm. Met. **169**₁ (1991) L17–21. [DOI]
46. **D. KACZOROWSKI**, H.Noël, **R. TROĆ**,
Crystal Structure, Magnetic and Electrical Properties of a New Ternary Arsenide $U_2Cu_4As_5$.
J. Less-Comm. Met. **170**₂ (1991) 255–62. [DOI]
47. **D. KACZOROWSKI**, **R. TROĆ**, H.Noël,
Magnetic and Transport Properties of $UCuP_2$ and $UCuAs_2$ Pnictides.
J. Phys. Cond. Matt. **3**₂₆ (1991) 4959–70. [DOI]
48. E.Kalecińska, **J. KALECIŃSKI**,
Radiation-Chemical Processes of Rhodium^{II} – 2,2′ Dipyritydyl System in Aqueous–Alcoholic Solutions.
ZfI-Mitt. (Leipzig) Nr 88 (1991) 163–7.
5th Work.Meet.on Radiation Interaction, LEIPZIG, DD, 1990.09 24–27
49. **J. KALECIŃSKI**,
New Intermediate Compounds in γ -Irradiated Frozen Chlorides–Water–Alcohol Systems.
ZfI-Mitt. (Leipzig) Nr 88 (1991) 173–7.
5th Work.Meet.on Radiation Interaction, LEIPZIG, DD, 1990.09 24–27
50. **L. KEPIŃSKI**, **M. WOŁCYRZ**,
Effect of Metal–Support Reaction on Carburization of Supported Catalysts. II. Palladium on Silica.
Appl. Catal. **73**₂ (1991) 173–84. [DOI] For I. see *ibid.*, **54**₁ (1989) 267–76. [DOI]
51. **J. KLAMUT**,
Nadprzewodniki wysokotemperaturowe, struktura i domieszki.
 [High-Temperature Superconductors, Structure and [Influence of] Admixtures.]
Acta Univ. Wratisl. Nr 1288 [*Pr. Geolog.-Mineral.* Nr 23] (1991) 155–66 [in Polish].
52. **Z. KLETOWSKI**, **P. SŁAWIŃSKI**, **A. CZOPNIK**,
Resistivity and Thermopower of Monocrystalline $TbIn_3$ and $DyIn_3$.
Solid State Commun. **80**₁₂ (1991) 981–2. [DOI]
53. N.N.Kolpakova, **A. PIETRASZKO**, S.Waplak, L.Szczepańska,
Isostructural Phase Transition in the Cubic Oxide Pyrochlore $Cd_2Nb_2O_7$.
Solid State Commun. **79**₉ (1991) 707–10. [DOI]
54. **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**,
Electronic Structure of Mg and Cd by Positron Annihilation.
Phys. Res. **17** (1991) 102–4.
Proc.75th WE-Heraeus-Semin. & 21st Ann.Int.Symp.on Electronic Structure of Solids, GAUSSIG, DE, 1991.03 11–15
- **T.K.Kopeć**, G.Büttner,
Quantum Vector Spin Glasses with Random DZHALOSHINSKY–MORIYA Interactions.
Phys. Rev. B **43**₁₃ (1991) 10 853–64 [pt B]. [DOI]

- **T.K.Kopeć, G.Büttner,**
Quantum p-State POTTS Spin Glass: Transverse-Field Effects and Freezing Transition.
Phys. Rev. B **44**₂₁ (1991) 12 058–61. [\[DOI\]](#)
- 55. **T.K. KOPEĆ, G.Büttner,**
Quantum HEISENBERG $S = 1$ Spin Glass: Effect of Anisotropy and Ferromagnetic Interaction.
Z. Phys. B **84**₂ (1991) 285–93. [\[DOI\]](#)
- 56. J.C.Krupa, **Z. GAJEK,**
Crystal Field Levels of Tetravalent Actinide Ions in Actinide Dioxides UO_2 , NpO_2 and PuO_2 .
Eur. J. Solid State Inorg. Chem. **28** Suppl. (1991) 143–6.
1st Int.Conf.on f-Elements: New Developments in f-Elements, LEUVEN, BE, 1990.09 04–07
- 57. **T. KRZYSZTOŃ,**
Vortex Penetration in the Uniaxial Anisotropic Superconductor.
Physica C **185-9** (1991.12) 1911–2 [pt III]. [\[DOI\]](#)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP, 1991.07 22–26
- 58. **T. KRZYSZTOŃ,**
Vortex Nucleation in Thin Film of a Uniaxial Anisotropic Superconductor.
phys. stat. sol. (b) **165**₂ (1991) 495–501. [\[DOI\]](#)
- 59. **R. KUBIAK, J. JANCZAK,**
X-ray Study of Ordered Phase Formation in $Au_{31.6}Cu_{68.4}$, $Au_{50}Cu_{50}$ and $Au_{75}Cu_{25}$.
J. Alloy. Compd. **176**₁ (1991) 133–40. [\[DOI\]](#)
- 60. **R. LAMBER, N.I.Jaeger,**
On the Reaction of Pt with SiO_2 Substrates: Observation of the Pt_3Si Phase with the Cu_3Au Superstructure.
J. Appl. Phys. **70**₁ (1991) 457–61. [\[DOI\]](#)
- 61. **R. LAMBER, N.Jaeger, G.Schulz-Ekloff,**
Mikrostrukturen aus Metall–Träger–Wechselwirkungsprozessen an heterogenen Katalysatoren.
 [Micro-structures Resulting from Metal–Support Interactions on Heterogeneous Catalysts.]
Chem. Ingen. Technik **63**₇ (1991) 681–91 [in German].
- 62. J.Leciejewicz, A.Szytuła, **A. ZYGMUNT,**
Magnetic Properties of $UCuSi$ and $UCuGe$ by Neutron Diffraction.
J. Magn. Magn. Mater. **97**_{1–3} (1991) 219–22. [\[DOI\]](#)
- 63. **M. LELUK, B. JEŻOWSKA-TRZEBIATOWSKA, J.Jeziarska,**
Magnetic and ESR Studies of Copper[II] Complexes with n -(Aminoalkyl) Salicylaldimines.
Polyhedron **10**₁₄ (1991) 1653–6. [\[DOI\]](#)
- 64. **L. LIPIŃSKI, H. MANUSZKIEWICZ, A. SZMYRKA-GRZEBYK,**
Odtwarzalność wskazań termometrów półprzewodnikowych w temperaturze 78 i 273 K.
 [Reproducibility of Semiconductor Thermometers at 78 and 273 K.]
Chłodnictwo **26**₃ (1991) 19–21 [in Polish].
- 65. **L. LIPIŃSKI, A. SZMYRKA-GRZEBYK,**
Założenia międzynarodowej skali temperatury 1990 (ITS-90) poniżej $0^\circ C$. [Fundamentals of International Temperature Scale '90 (ITS-90).]
Chłodnictwo **26**₉ (1991) 17–9 [in Polish].

66. **K. ŁUKASZEWICZ, P. FEDCZYSZYN,**
Кристаллическая структура диглицинитрата (DGN) и уточнение структуры параэлектрической фазы. [Crystal Structure of Diglycine Nitrate (DGN) and Structure Refinement of Paraelectric Phase.]
Изв. АН СССР, Сер. Физ. **55**₃ (1991) 10–15 [in Russian]. Engl. in: *Bull. Ac. Sci. USSR, Phys. Ser.* **55**₃ (1991) 427–32.
И Сов.-пол. Симп.по Физике сегнетоэлектриков и родственных материалов [1st Sov.-Pol. Symp.on the Physics of Ferroelectrics and Related Materials] L'VOV, UkrSSR, SU, 1990.06 04–08
67. **E. ŁUKOWIAK, W. STRĘK, A.Hejduk, B. JEŻOWSKA-TRZEBIATOWSKA,**
Spectral Characteristics of the Cr(III), d(III), and Yb(III) Triple Co-doped Inorganic Glasses.
Mater. Sci. (Poland) **17**₃ (1991) 63–7.
68. **E. ŁUKOWIAK, W. STRĘK, A.Hejduk, B. JEŻOWSKA-TRZEBIATOWSKA,**
Application of Nd(III), Cr(III) and Yb(III) Co-doped Inorganic Glasses for Solar Luminescence Concentrators.
Mater. Sci. (Poland) **17**₄ (1991) 33–6.
69. **B. MACALIK, J.A.Sanz-García, J.García-Solé,**
Effect of Co-doping LiNbO₃:Eu³⁺ Crystal with Mg²⁺ Ions on the Eu³⁺ Optical Absorption Spectrum.
Ferroel. Lett. **12**₆ (1991) 123–8. [\[DOI\]](#)
70. M.Malinowski, W.Woliński, R.Wolski, **W. STRĘK,**
Excited State Kinetics and Energy Transfer in Pr³⁺-Doped YAG.
J. Lumin. **48/49** (1991) 235–8 [pt I]. [\[DOI\]](#)
Int.Conf.on Luminescence, LISBON, PT, 1990.07 16–20
71. **CZ. MARUCHA, H. MISIOREK, J. RAFAŁOWICZ,**
Low-Temperature Anisotropy of Thermal Conductivity of Tin Single Crystals Doped with Zinc.
Int. J. Thermophys. **12**₅ (1991) 911–7. [\[DOI\]](#)
72. **H. MISIOREK,**
Wpływ defektów fizycznych na przewodnictwo cieplne aluminium w zakresie temperatur 4,2–50 K. [Effect of Physical Defects on Heat Conductivity of Aluminium in the Range 4.2–50 K.]
Chłodnictwo **26**₁₀ (1991) 14–20 [in Polish].
73. **H. MISIOREK, N.I.Sorokina, J. MUCHA, A. JEŻOWSKI,**
Thermal Conductivity of Niobium Hydrides in Temperature Range 4.2–420 K.
J. Alloy. Compd. **176**₂ (1991) 233–40. [\[DOI\]](#)
74. L.Miu, G.Aldica, **M. HOROBIOWSKI, D. WŁOSEWICZ,**
“Peak Effect” in the Magnetic Field Dependence of the Transport Critical-Current Density in High-T_c Superconducting Ceramics.
J. Supercond. **4**₆ (1991) 423–7. [\[DOI\]](#)
75. **J. MUCHA,**
Minimum przewodnictwa cieplnego metali. [The Minimum of the Heat Conductivity of Metals.]
Chłodnictwo **26**₅ (1991) 14–8 [in Polish].
76. A.Murasik, P.Fischer, **R. TROĆ, V.H. TRAN,**
Magnetic First-Order Transition in UNiGe.
J. Phys. Cond. Matt. **3**₁₂ (1991) 1841–6. [\[DOI\]](#)
77. **D. NOWAK-WOŹNY, M. SUSZYŃSKA, M. SZMIDA,**
Impurity-Induced Strengthening Phenomena in Alkali Halide Crystals.
Acta Phys. Pol. A **79**₆ (1991) 915–20.

78. J. Onsgaard, M. Christiansen, F. Ørskov, **P.J. GODOWSKI**,
The Growth and Reactivity of the Sm/Si(100) Interface.
Surf. Sci. **247**_{2/3} (1991) 208–14. [DOI]
 14th Int.Sem.on Surface Physics, PRZESIEKA, PL, 1990.05 21–26
- J. Onsgaard, J. Ghijsen, R.L. Johnson, M. Christiansen, F. Ørskov, **P. Godowski**,
Promotion of the Si(100)–O₂ Reaction by Sm.
Phys. Rev. B **43**₅ (1991) 4216–23. [DOI]
79. **W.A. PACIOREK**, G. Madariaga, F.J. Zúñiga,
Restrained Refinement and Results Analysis for Incommensurate Crystal-Structures.
J. Appl. Cryst. **24**₁ (1991) 66–70. [DOI]
80. **S. PASZKOWSKI**,
Evaluation of the FERMI–DIRAC Integral of Half-Integer Order.
Appl. Math. **21**₂ (1991) 289–301.
81. **S. PASZKOWSKI**,
An Application of CHEBYSHEV Polynomials to a Problem of Electrical Engineering.
J. Comput. Appl. Math. **37**₁ (1991) 5–17. [DOI]
82. M. Pawłowska, **W. STREK**, I. Trabjerg,
Temperature Dependence of Luminescence Lifetimes of KMnCl₃ Crystals.
phys. stat. sol. (a) **124**₁ (1991) K63–6. [DOI]
83. **A. PIETRASZKO**, M. Połomska, A. Pawłowski,
Кристаллическая структура и фазовые переходы в кристаллах Me^I₄LiH₃(XO₄)₄
(Me^I = K, Rb, NH₄; X = S, Se). [The Crystal Structure and Phase Transitions in the Me^I₄LiH₃(XO₄)₄
Crystals, where Me^I = K, Rb, NH₄ and X = S, Se.]
Изв. АН СССР, Сер. Физ. **55**₃ (1991) 529–31 [in Russian].
 Engl.in: *Bull. Ac. Sci. USSR, Phys. Ser.* **55**₃ (1991) 109–11.
И Сов.-пол. Симп.по Физике сегнетоэлектриков и родственных материалов [1st Sov.-Pol. Symp.on the Physics
of Ferroelectrics and Related Materials] L'VOV, UkrSSR, SU, 1990.06 04–08
84. **D. POTOCZNA-PETRU**,
The Interaction of Model Cobalt Catalysts with Carbon.
Carbon **29**₁ (1991) 73–80. [DOI]
85. **D. POTOCZNA-PETRU**, **L. KĘPIŃSKI**,
Effect of Oxidation–Reduction Treatment on the Behavior of Model Silica-Supported
Cobalt Catalyst.
Catal. Lett. **9**_{5/6} (1991) 355–62. [DOI]
86. **W. PRYSTASZ**,
Quantum Formation of the Stable Ferromagnetic Phase in Metamagnets.
phys. stat. sol. (b) **165**₂ (1991) K95–99. [DOI]
87. **W. PRYSTASZ**, **J. KLAMUT**,
Theory of Formation of the Stable Ferromagnetic Phase in a Metamagnet.
J. Magn. Magn. Mater. **96**_{1–3} (1991) 275–81. [DOI]
88. **K. PRZYBYLSKI**, J. Koutecký, V. Bonacić-Koutecký, P. von Ragué-Schleyer, M.F. Guest,
An *ab initio* Configuration Interaction Study of the Reaction between Small Lithium
Clusters (Li₄, Li₆) and H₂ Molecule.
J. Chem. Phys. **94**₈ (1991) 5533–43. [DOI]

89. **A. ROJEK, G. WASILEWSKA, A. BOHDZIEWICZ, B. CENDLEWSKA, E. TROJNAR,**
115 K Superconductivity of Bi(Pb/Sb)-Sr-Ca-Cu-O Thick Films.
Physica C **183**₁₋₃ (1991) 130-4. [\[DOI\]](#)
90. **A. RUBASZEK,**
Electron-Positron Enhancement Factors at Metal Surface: Aluminium.
Phys. Rev. B **44**₁₉ (1991) 10857-67. [\[DOI\]](#)
91. **W. RYBA-ROMANOWSKI, S. GOŁĄB, M. Berkowski,**
Material Parameters Characterizing the Performance of Flashlamp-Pumped BaLa_{1-x}Nd_xGa₃O₇ Laser.
Acta Phys. Pol. A **79**₄ (1991) 501-6.
92. **W. RYBA-ROMANOWSKI, S. GOŁĄB, M. Berkowski,**
Crystal Growth and Characterization of Rare-Earth-Doped Gallates of Alkaline Earths and Lanthanum.
Proc. SPIE **1391** (1991.08) 2-5. [\[DOI\]](#)
3rd Conf. on Laser Technology, SZCZECIN & ŚWINOUJŚCIE, PL, 1990.09 24-27
93. **W. RYBA-ROMANOWSKI, S. GOŁĄB, J. HANUZA, M. MAĆZKA, A. PIETRASZKO,**
M. Berkowski, A. Pajączkowska,
Optical Study of CaNdAlO₄.
J. Phys. Chem. Solids **52**₉ (1991) 1043-9. [\[DOI\]](#)
94. **M. Skompska, K. Jaszczyński, M. WOŁCYRZ,**
On the Phase Transition in Ethanolic Solution of Thiourea and Potassium Fluoride (KF).
J. Electroanal. Chem. **313**_{1/2} (1991) 341-6. [\[DOI\]](#)
95. **I. SOKÓLSKA, E. MUGEŃSKI,**
Thermal Quenching of the Eu²⁺ Photoluminescence in KCl and NaCl Crystals.
phys. stat. sol. (b) **165**₁ (1991) 287-93. [\[DOI\]](#)
96. **H. STACHOWIAK,**
Annihilation Characteristics for a Positron in an Electron Gas. Theory and Experiment.
Acta Univ. Wratisl. Nr 1342 [Math. Phys. Astr. Nr 59] (1991) 153-9.
22nd Polish Semin. on Positron Annihilation, PIECHOWICE, PL, 1990.05 14-18
97. **J. STĘPIEŃ-DAMM, I. I. Farbstain, N. K. Shluga, P. FEDCZYSZYN,**
Temperature Dependence of Lattice Parameters of Te and Te+2% at. Se Single Crystals in the Range 10-300 K.
Cryst. Res. Technol. **26**₆ (1991) K151-5. [\[DOI\]](#)
98. **W. STRĘK, M. GAŁCZYŃSKI,**
Effect of Active Center Concentration on Absorption Spectra of Pr³⁺ in Tetraphosphate Crystals.
J. Rare Earth (China) Special Iss. (1991) ***-** [pt II].
2nd Int. Conf. on Rare Earth Development and Application, BEIJING, CN, 1991.05 27-31
99. **W. STRĘK, J. SZTUCKI,**
What is the Nature of the Ligand-Bond-Involving Vibronic Transitions in Lanthanide (III) Complexes?
Chem. Phys. Lett. **177**_{4/5} (1991) 407-11. [\[DOI\]](#)
100. **W. STRĘK, J. SZTUCKI,**
The Ligand Bond Involving Vibronic Transitions in Lanthanide(III) Complexes.
Eur. J. Solid State Inorg. Chem. **28** Suppl. (1991) 195-9.
1st Int. Conf. on f-Elements: New Developments in f-Elements, LEUVEN, BE, 1990.09 04-07

101. Н.М.Сулейманов, **H. DRULIS**, А.Д.Шенгелая, **G. CHADZYŃSKI**,
ЭПР-исследование парамагнитных центров Cu^{2+} , индуцированных водородом
в $\text{H}_x\text{La}_{1.9}\text{Sr}_{0.2}\text{CuO}_4$. [EPR Investigations of Cu^{2+} Centers in $\text{H}_x\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$ System.]
Сверхпровод.: Физ. Хим. Техн. **4**₁₀ (1991) 1925–8 [in Russian].
Engl.in: *Supercond.: Phys. Chem. Technol.* **4**₁₀ (1991) 1835–9.
102. N.M.Suleimanov, A.D.Shengelaya, R.G.Mustafin, E.F.Kukovitskii, **P.W. KLAMUT**,
G.W. CHADZYŃSKI, **H. DRULIS**, **J. JANCZAK**,
NMR Investigations of Hydrogenated $\text{Sm}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$.
Physica C **185-9** (1991.12) 759–60 [pt II]. [DOI]
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP,
1991.07 22–26
103. **C. SUŁKOWSKI**, **K. ROGACKI**,
Lower Critical Fields of $\text{REBa}_2\text{Cu}_3\text{O}_{7-x}$ ($\text{RE} = \text{Er, Eu, Gd}$) Ceramics.
phys. stat. sol. (a) **125**₂ (1991) K101–4. [DOI]
104. **W. SUSKI**, **A. BARAN**, **K. WOCHOWSKI**, T.Mydlarz,
Magnetic Properties of $\text{UFe}_x\text{Co}_{10-x}\text{Si}_2$ Intermetallics.
J. Magn. Magn. Mater. **95**₂ (1991) L133–6. [DOI]
105. **M. SUSZYŃSKA**,
Specific Features of Strengthening Phenomena in $\text{NaCl} : \text{Eu}^{2+}$ Crystals.
Acta Phys. Pol. A **79**₄ (1991) 493–500.
106. **M. SUSZYŃSKA**, R.Capelletti,
Thermally-Induced Depolarization Current Spectra of $\text{NaCl}:\text{Ni}^{2+}$ Crystals.
Acta Phys. Pol. A **80**₁ (1991) 129–39.
107. **A.E. SZUKIEL**, **K. DURCZEWSKI**,
Finite Lifetime of Magnetic Excitations and Electrical Resistivity in Pr_3Tl and PrB_4 .
Solid State Commun. **78**₉ (1991) 827–30. [DOI]
108. **J. SZYMASZEK**, **Z. BUKOWSKI**, **A. ROJEK**,
Superconducting Thin Films of YbMo_6S_8 .
phys. stat. sol. (a) **123**₁ (1991) K43–45. [DOI]
109. **P. TEKIEL**,
“Size Effect” and Anisotropy of Longitudinal Current Distribution in the Mixed State
of Type-II Superconductors.
phys. stat. sol. (b) **167**₂ (1991) K87–91. [DOI]
110. Z.Tomkowicz, K.Łątka, A.Szytuła, A.Bajorek, M.Bałanda, R.Kmieć, R.Kruk, **A. ZYGMUNT**,
Superconductivity in the $(\text{Gd}_{1-x}\text{Pr}_x)\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ System.
Physica C **174**₁₋₃ (1991) 71–80. [DOI]
111. **V.H. TRAN**, **R. TROĆ**,
Magnetic and Transport Properties of the UTSn Series ($T = \text{Co, Ni, Ru, Rh, Pd, Ir, and Pt}$).
J. Magn. Magn. Mater. **102**_{1/2} (1991) 74–86. [DOI]
112. **V.H. TRAN**, **R. TROĆ**,
On Magnetic Transitions in a Novel Compound UPdGa .
J. Less-Comm. Met. **175**₂ (1991) 267–70. [DOI]
113. **S. TROJANOWSKI**, **Z. CHRAPKIEWICZ**, **E. TROJNAR**,
Zasady doboru linii koncentrycznej do nadprzewodzących magnetometrów kwantowych
wielkiej częstotliwości. [Principles of the Selection of a Concentric Feeder for rf SQUIDS.]
Pomiary Automatyka Kontrola **37**₁₀ (1991) 248–50 [in Polish].

114. **S. TROJANOWSKI**, A.Nowakowski,
Cyfrowy miernik prędkości pojazdów. [Digital Vehicle Speed Indicator.]
Pomiary Automatyka Kontrola **37**₅ (1991) 122–4 [in Polish].
115. **E. TROJNAR**, **S. TROJANOWSKI**, R.Czechowicz, M.Derwiszyński, K.Kocyba,
Liquid-Nitrogen-Cooled Low Noise Radiation Pulse Detector Amplifier.
Proc. SPIE **1391** (1991.08) 230–7. [DOI]
3rd Conf.on Laser Technology, SZCZECIN & ŚWINOUJŚCIE, PL, 1990.09 24–27
116. **E. TROJNAR**, **S. TROJANOWSKI**, R.Czechowicz, M.Derwiszyński, K.Kocyba,
The Properties of Liquid-Nitrogen Cooled Electronic Elements.
Proc. SPIE **1391** (1991.08) 238–43. [DOI]
3rd Conf.on Laser Technology, SZCZECIN & ŚWINOUJŚCIE, PL, 1990.09 24–27
117. **J. ULNER**,
Phonon-Induced Quadrupolar Interactions in Orthorhombic Paramagnets.
phys. stat. sol. (b) **168**₂ (1991) K75–9. [DOI]
- K.D.Usadel, G.Büttner, **T.K.Kopeć**,
Phase Diagram of the Quantum ISING Spin Glass in a Transverse Field.
Phys. Rev. B **44**₂₂ (1991) 12 583–5. [DOI]
118. **R. WAWRYK**, **CZ. MARUCHA**,
Przyrząd do pomiarów współczynnika przewodnictwa cieplnego materiałów proszkowych.
 [Apparatus for Determination of the Thermal Conductivity Coefficient of Powdered Materials.]
Pomiary Automatyka Kontrola **37**₁ (1991) 6–8 [in Polish].
119. **D. WŁOSEWICZ**,
Przewodnictwo cieplne mosiądzu w zakresie temperatur 4.2–300 K.
 [Thermal Conductivity of Brass at Temperatures from 4.2 to 300 K.]
Chłodnictwo **26**₆ (1991) 13–6 [in Polish].
120. **A. WOJAKOWSKI**, **R. HORYŃ**, **M. WOŁCYRZ**,
Formation of $\text{Bi}_9\text{Sr}_7\text{Ba}_x\text{Cu}_5\text{O}_{(25.5+x)\pm y}$ Phase of the $A(\text{Bi Sr Cu})$ Structure Type.
J. Less-Comm. Met. **171**₁ (1991) L23–6. [DOI]
121. M.Zelený, M.Rotter, **W. SUSKI**, **A. BARAN**, F.Zounová,
Magnetic Properties of UFe_8Al_4 and $\text{UFe}_{10}\text{X}_2$ ($X = \text{Mo, Si}$).
J. Magn. Magn. Mater. **98**_{1/2} (1991) 25–7. [DOI]
122. P.Ziółkowski, J.Milach, **P. DEREŃ**, L.Latos-Grażyński,
The Effect of the Photodynamic Therapy by Use of the Krypton Laser and *meta*-OH-*para*-(CH_3)₃-Tetraphenylporphyrin on Cells of Transplantable Mammary Cancer.
J. Phys. IV (France) 1 Colloq. 7 (1991) C7-225–29.
2d Int.Conf.on Lasers M²P (Mat.Engng., Med./Biol. & Phys./Chem.), GRENOBLE, FR, 1991.07 09–11
123. **O.J. ŻOGAŁ**, S.Idziak, **M. DRULIS**, **K. NIEDŹWIEDŹ**,
Proton Spin–Lattice Relaxation Rates in Samarium Hydrides.
phys. stat. sol. (b) **167**₁ (1991) K55–8. [DOI]
124. **O.J. ŻOGAŁ**, P.l’Heritier,
Proton Nuclear Magnetic Resonance Line Narrowing and Tetragonal Lattice Distortion in SmH_{2+x} ($0 \leq x \leq 0.40$).
J. Alloy. Compd. **177**₁ (1991) 83–91. [DOI]
125. **O.J. ŻOGAŁ**, **B. NOWAK**, **K. NIEDŹWIEDŹ**,
⁹¹Zr Nuclear Magnetic Resonance in Tetragonal ZrH_2 .
Solid State Commun. **80**₈ (1991) 601–4. [DOI]

126. F.J.Zúñiga, J.M.Ezpeleta, J.M.Pérez-Mato, **W. PACIOREK**, G.Madariaga,
Structure of the Incommensurate Phase of BCCD at 130 K.
Phase Transit. B **31**₁₋₄ (1991) 29-43. [DOI]
3rd French-Speaking Meet.on Phase Transitions, DJERBA, TN, 1990.03 19-24

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH
PUBLICATIONS IN CONFERENCE MATERIALS

127. S.Bratos, **H. RATAJCZAK**, P.Viot,
Properties of H-Bonding in the Infrared Spectral Range.
In: *Hydrogen Bonded Liquids*, ed. by J.C.Dore & J.Teixeira [Proc. NATO Adv. Study Inst. ser. C, Vol. 329] (Dordrecht: Kluwer 1991) [exactly: December 31th, 1990 !] pp. 221-35.
NATO Advanced Study Institute on Hydrogen-bonded Liquids, CARGÈSE (Corsica) FR, 1989.04 03-15
128. **M. CISZEK**, **A. ZALESKI**, **J. OLEJNICZAK**, L.J.M. van de Klundert,
Energy-Losses in High- T_c Superconductors in AC and DC-Bias Magnetic-Fields.
In: *Proc.of the International Symposium on AC Superconductors*, ed. by I.Hlasnik, *et al.* (Bratislava: Slovak Acad Sciences Inst Electrical Engineering 1991) pp. 172-76.
Int.Symp.on AC Superconductors and Devices, SMOLENICE Castle, SK, 1991.03 18-22
129. **Z.M. GALASIEWICZ**,
ONSAGER-Type Relations. Application to Superfluid ^3He .
In: *Ordering Phenomena in Condensed Matter Physics*, ed. by Z. GALASIEWICZ & A.Pękałski (World Sci., Singapore 1991) pp. 408-18.
XXVI Zim.Szk. Fizyki Teoretycznej [26th Winter School of Theoretical Physics] KARPACZ, PL, 1990.02 19 -03 01
130. **J. KALECIŃSKI**,
Radiation-Chemical Processes in Some Aqueous Glasses.
In: *Proc.7th Tihany Symp.on Radiation Chemistry*, ed. by J.Dobo, L.Nyikos & R.Schiller (Hungarian Chem.Soc., Budapest 1991) pp. 55-60.
7th Tihany Symp.on Radiation Chemistry, BALATONSZÉPLAK, HU, 1990.09 09-14
131. **Z. KLETOWSKI**,
Thermoelectric Power of the $RE\text{In}_3$ Compounds where $RE = \text{La, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho}$ and Lu .
In: *V. Symp. "Physics of Metals"*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 174-5.
5th Symp.on Physics of Metals, USTROŃ-Jaszowiec, PL, 1991.06 03-07
132. **Z. KLETOWSKI**, **P. SŁAWIŃSKI**,
Resistivity of the $RE\text{In}_3$ Compounds ($RE = \text{La, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Lu}$).
In: *V. Symp. "Physics of Metals"*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 176-7.
5th Symp.on Physics of Metals, USTROŃ-Jaszowiec, PL, 1991.06 03-07
133. **G. KONTRYM-SZNAJD**,
Electronic Structure of Solids by Positron Annihilation.
In: *V. Symp. "Physics of Metals"*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 167-9.
5th Symp.on Physics of Metals, USTROŃ-Jaszowiec, PL, 1991.06 03-07
134. **L. LIPIŃSKI**, **H. MANUSZKIEWICZ**, **A. SZMYRKA-GRZEBYK**,
Long-Term Stability of Temperature of Indium Superconducting Transition.
In: *Uncertainties in Temperature Measurements*, ed. by H.Ronsin (Paris: CNAM, Inst.Nat.de Métrologie 1991) pp. 29-30.
Worksh.on Uncertainties in Temperature Measurements, PARIS, FR, 1991.09 23-24

135. **K. ŁUKASZEWICZ,**
A Few Remarks on Symmetry from the Point of View of Practising Crystallographer.
 In: *Symmetry and Structural Properties of Condensed Matter*, ed. by W.Florek, T.Lulek & M.Mucha (Singapore: World Sci 1991) pp. 358–64.
Int.Sch.on Symmetry and Structural Properties of Condensed Matter, ZAJĄCZKOWO (Poznań) PL, 1990.09 06–12
136. **W.A. PACIOREK,**
The Program MSR [Crystallography].
 In: *Methods of Structural Analysis of Modulated Structures and Quasicrystals*, ed. by J.M. Pérez-Mato, F.J. Zúñiga & G.Madariaga (Singapore: World Sci 1991) pp. 268–79.
Sch.on Methods of Structural Analysis of Modulated Structures & Quasicrystals, LEKEITIO (Bilbao) ES, 1991.04 20 –.05 04
137. **T. PLACKOWSKI, K. ROGACKI,**
Grain Surface Instability in Superconducting $\text{ErBa}_2\text{Cu}_3\text{O}_{6+x}$.
 In: *Modern Aspects of Superconductivity*, ed. by B.Raveau, K.Wasa & R.Suryanaryanan (Gournay-sur-Marne: IITT-International 1991) pp. 287–91.
3rd Int.Conf.on Modern Aspects of Superconductivity, PARIS, FR, 1991.10 06–09
138. **K. ROGACKI, C. SUŁKOWSKI, T.Mydlarz, W.Sadowski,**
Critical Currents in Large Single Crystals of $M\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ ($M = \text{Y, Gd}$).
 In: *High Temperature Superconductors*, ed. by P.Vincenzini (Elsevier, Amsterdam 1991) pp. 405–11.
4th Satell.Symp.on High Temperature Superconductors of the 7th CIMTEC–World Ceramics Congr., TRIESTE, IT, 1990.07 02–05
139. **A. RUBASZEK,**
Electron–Positron Correlations at a Metal Surface: Aluminium.
 In: *V. Symp. “Physics of Metals”*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 36–45.
5th Symp.on Physics of Metals, USTROŃ–Jaszowiec, PL, 1991.06 03–07
140. **H. STACHOWIAK,**
Application of the Liquid Theory Methods to the Problem of Electron- Positron Interaction in the Electron Gas.
 In: *V. Symp. “Physics of Metals”*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 46–54.
5th Symp.on Physics of Metals, USTROŃ–Jaszowiec, PL, 1991.06 03–07
141. **A.J. ZALESKI, J. OLEJNICZAK, M. CISZEK, M.Dybiec,**
High Field Properties of $\text{GdBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_{7-\delta}$.
 In: *High-Temperature Superconductors. Materials Aspects*, ed. by H.C. Freyhardt, R.Flukiger & M.Peuckert (Oberursel: DGM Informationsges. Vg 1991) Vol. 2, pp. 747–52.
Proc. ICMC’90 Topical Conf.: High-Temperature Superconductors, Materials Aspects, GARMISCH-PARTENKIRCHEN, DE, 1990.05 08–11
142. **Z. ŻOŁNIEREK, D. BADURSKI, R. GORZELNIAK, D. KACZOROWSKI,**
Magnetic and Electrical Properties of the $\text{UCo}_{2-x}\text{Ge}_{2+x}$ System.
 In: *V. Symp. “Physics of Metals”*, ed. by E.Talik & J.Szade (Katowice: Instytut Fizyki, Uniwersytet Śląski 1991) pp. 180–1.
V Symp.on Physics of Metals, USTROŃ–Jaszowiec, PL, 1991.06 03–07

LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. **J. BARAN**, A.Borovikov, B.Bukov, **M.K. MARCHEWKA**, A.Podzelinskiĭ, G.Puchkovskaya, **H. RATAJCZAK**, V.Stepkin, A.Naumovetz,
Investigation of Stearic Acid and Manganese Stearate Films Obtained by LANGMUIR–BLODGETT and Vacuum Deposition Methods. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
2. **J. BARAN**, **M.K. MARCHEWKA**,
Polarized RAMAN Spectra of Rb₄LiH₃(SO₄) and Rb₄LiD₃(SO₄) Crystals. (P)
18th Sch.on Ferroelectrics Physics, BOROWICE, PL, 1991.09 16–20
3. **J. BARAN**, **M. MARCHEWKA**, G.A.Puchkovskaya, **H. RATAJCZAK**, V.I.Stepkin,
Investigation of Stearic Acid and Manganese Stearate Layers Obtained by LANGMUIR–BLODGETT and Vacuum Deposition Methods. (P)
10th Int.Sch.-Semin.on Spectroscopy of Molecules and Crystals, KLEMENTOVO (Sumy) UA, SU, 1991.04 **-*a
4. **J. BARAN**, **M. MARCHEWKA**, **H. RATAJCZAK**,
Polarized RAMAN Spectra of Rb₄LiH₃(SO₄) and Rb₄LiD₃(SO₄) Crystals. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
5. **J. BARAN**, **M. MARCHEWKA**, **H. RATAJCZAK**, Z.Czapla,
Infrared Polarized Spectra of Rb₄LiH₃(SO₄) and Rb₄LiD₃(SO₄) Crystals. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
6. **J. BARAN**, **M. MARCHEWKA**, **H. RATAJCZAK**, Z.Czapla,
Infrared Spectroscopic Investigation of TAAP Crystal. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
7. **J. BARAN**, G.Puchkovskaya, J.Tarnavski,
IR Study of Phase Transitions and Hydrogen Bonds in NH₄IO₃ · 2HIO₃ Crystal. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
8. **J. BARAN**, **H. RATAJCZAK**,
Polarized FTIR Spectra of Na₅H₃(SeO₄)₄ · 2H₂O Single Crystal. I. Hydrogen Bonds and Water Vibrations. (L)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
9. A.B.Beznosov, A.I.Galuza, N.F.Kharchenko, A.A.Mil'ner, H.Ratajczak, **W. SUSKI**,
Amorphous Magnet UFe₁₀Ge₂: Optical Studies. (P)
2nd Int.Symp.on Magneto-Optics, KHAR'KOV, UA, SU, 1991.09 10–13
10. **M. BŁAŻEJ**, **M. GAŁCZYŃSKI**, **W. STREK**,
What Is the Nature of Concentration Dependent Vibronic Transitions of Pr²⁺ in Stoichiometric Crystals? (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
11. **E. BOROŃSKI**,
Enhancement Factors in Metals. (I)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
12. **E. BOROŃSKI**, T.Jarlborg,
Calculation of Positron–Electron Enhancement Factors for Real Metals on a Base of Band Structure Data. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31

13. **E. BOROŃSKI**, T.Jarlborg,
Obliczanie współczynników wzmocnienia w metalach rzeczywistych. [Calculation of Enhancement Factors in Real Metals.] (P)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
14. **Z. BUKOWSKI**, **R. HORYŃ**,
Subsolidus Phase Relations of $\text{Sm}_2\text{O}_3\text{-CuO-BaO}$ System. Crystal Chemistry and Superconductivity of $\text{Sm}(\text{Ba}_{2-x}\text{Sm}_x\text{Cu}_3\text{O}_y)$ Solid Solution. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
15. **Z. BUKOWSKI**, **R. HORYŃ**,
On Chemical Nature of the Orthorhombic to Pseudo-Cubic Transition in $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
16. P.Burlet, J.Rossat-Mignod, M.Bonnet, **D. KACZOROWSKI**, **R. TROĆ**, H.Noël,
Magnetic Ordering in $\text{U}_4\text{Cu}_4\text{P}_7$ Ternary Compound. (C)
12th Int.Conf.on Magnetism, EDINBURGH, Sc, UK, 1991.09 02–06
17. P.Burlet, J.Rossat-Mignod, M.Bonnet, H.Noël, **D. KACZOROWSKI**, **R. TROĆ**,
Magnetic Structure of $\text{U}_4\text{Cu}_4\text{P}_7$ Single Crystal. (C)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
18. P.Burlet, J.Rossat-Mignod, **R. TROĆ**, **D. KACZOROWSKI**, H.Noël,
Single Crystal Neutron Diffraction Study of $\text{UNi}_{1.6}\text{As}_2$. (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
19. **B. CENDLEWSKA**, **A. ROJEK**,
DC Cathode Sputtering of Gd-Ba-Cu-O Thin Films. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
20. **B. CENDLEWSKA**, **A. ROJEK**,
Highly Textured Gd-Ba-Cu-O Thin Films. (P)
Worksh.on Advances in High- T_c Superconductivity, TORINO, IT, 1991.11 18–20
21. **Z. CHRAPKIEWICZ**, **R. KOZDRÓJ**, **A. ZYGMUNT**,
Magnetic Characterization of HTS Cuprates by SQUID (SMS 450 S12) Magnetometer. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
22. **M. CISZEK**, **J. OLEJNICZAK**, **A.J. ZALESKI**,
Influence of the Trapped Magnetic Field on AC Losses in High- T_c Superconductors. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
23. **M. CISZEK**, **A.J. ZALESKI**, **J. OLEJNICZAK**, L.J.M.van de Klundert,
Energy Losses in High- T_c Superconductors in AC- and DC-Bias Low Magnetic Fields. (P)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP, 1991.07 22–26
24. **M. CISZEK**, **A.J. ZALESKI**, **J. OLEJNICZAK**, L.J.M. van de Klundert,
Energy Losses in High- T_c Superconductors in AC- and DC-Bias Magnetic Fields. (C)
Int.Symp.on AC Superconductors and Devices, SMOLENICE, CS, 1991.03 18–20

25. **R. CYWIŃSKI, E. MUGEŃSKI, I. SOKÓLSKA,**
On the Energy Transfer in Doubly Doped with Eu^{2+} and Mn^{2+} Sodium and Potassium Chlorides. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
26. **S. DANIUK,**
Obliczanie czasów życia pozytronów w metalach. [Calculation of Lifetime of Positron in a Metal.] (P)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
27. **S. DANIUK, G. KONTRYM-SZNAJD, M.Šob, J. MAJSNEROWSKI, H. STACHOWIAK,**
Positron Annihilation with Rare-Gas Core Electrons: Momentum Dependence of Enhancement Factor. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
28. **S. DANIUK, M.Šob, A. RUBASZEK,**
High Sensitivity of Rare-Gas Core Positron Annihilation Characteristics in Metals to the Lattice Dimensions and to the Parameters of Electron and Positron Models. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
29. **A.Delapalme, J.M.Fournier, B.Gillon, L.Havela, V.Sechovsky, M.Wullf, D. KACZOROWSKI, R. TROĆ, Z. ŻOŁNIEREK,**
Magnetization Density of U in UCoAl and UCu_2P_2 Compounds. (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
30. **L.E.De Long, H. DRULIS, Z.G.Xu, J.W.Brill,**
Magnetoelastic Response of NbSe_2 . (P)
1991 March Meet.of American Physical Society, CINCINNATI, OH, US, 1991.03 18–22
31. **P. DEREŃ, W. STRĘK, B. JEŻOWSKA-TRZEBIATOWSKA, I.Trabjerg,**
The Optical Spectra of Co^{2+} in MgAl_2O_4 Spinel. (P)
2nd Int.Conf.on Lasers M^2P (Mat.Engng., Med./Biol. & Phys./Chem.), GRENOBLE, FR, 1991.07 09–11
32. **V.M.Dmitriev, V.N.Eropkin, A.M.Gurevich, A.P.Isakina, V.M.Kobelev, A.I.Prokhvatilov, L.V.Shlyk, R. TROĆ, V.H. TRAN,**
On Anomalous Behavior of Heat Capacity and Structural Properties of UNiGe at Temperatures below 100 K. (P)
1st Int.Conf.on Strongly Correlated Electron States in Condensed Media, *** (Crimea) UkrSSR, SU, 1991.04 29 –.05 07
33. **I.S.Donskaya, K. DURCZEWSKI, A.R.Kessel, J. ULNER,**
Phonon-Induced Indirect Quadrupole–Quadrupole and Quadrupole–Dipole Interactions in a Model Tetragonal Lattice. (P)
12th Int.Conf.on Magnetism, EDINBURGH, Sc., UK, 1991.09 02–06
34. **A. DRZEWIŃSKI, J. SZNAJD, J.Zittartz,**
Renormalization Group Approach to Three-State Spin Models in Two Dimensions. (P)
18th Semin.of the Middle-European Cooperation in Statistical Physics (MECO-18) DUISBURG, DE, 1991.03 12–14
35. **K. DURCZEWSKI, M.Ausloos,**
Siła termoelektryczna w metalach o niskiej koncentracji elektronów i dziur. [Thermoelectric Power of Metals of Low Electron- and Hole-Concentration.] (C)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22

36. **Z.M. GALASIEWICZ,**
Linear and Nonlinear Response of the System to the Perturbation Introduced by Canonical Transformation. Application to Superfluids. (C)
18th Semin.of the Middle-European Cooperation in Statistical Physics (MECO-18) DUISBURG, DE, 1991.03 12–14
37. **M. GAŁCZYŃSKI, J. HANUZA, W. STRĘK,**
Effect of Pr³⁺ Ions Concentration on Absorption Spectra of Cs₂NaPr_xLa_{1-x}Cl₆ Crystals. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
38. **M. GAŁCZYŃSKI, W. STRĘK,**
Effect of Pr³⁺ Ions Concentration on Absorption Spectra of Cs₂NaPr_xLa_{1-x}Cl₆ Crystals. (P)
2nd Int.Conf.on Rare Earth Development & Applications, BEIJING, CN, 1991.05 27–31
39. **E. GAŁDECKA,**
Statistical and Some Other Criteria Used when Selecting the Proper Model of the Diffraction Profile. (P)
13th Eur. Crystallographic Meet., TRIESTE, IT, 1991.08 26–30
40. **E. GAŁDECKA,**
Models of the Diffraction Profile and Approximating Shape-Functions. Criteria Relations, Examples. (L)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL, 1991.06 27–28
41. А.И.Галуза, А.Б.Безносков, H.Ratajczak, **W. SUSKI,**
ВУФ отражение пленок UFe₁₀Sn₁₂ и UCu_{4.5}Al_{7.5}. [Vacuum-Ultraviolet Radiation Reflection from UFeSn and UCuAl Films.] (P)
IX Всесоюзн.Конф.по Физике вакуумного ультрафиолетного излучения и его взаимодействия с материей [9th All-Union Conf.on VUV Radiation Physics and Its Interaction with Matter] TOMSK, RF, SU, 1991.05 28–30
42. C.Geibel, S.Thies, **D. KACZOROWSKI,** C.Schank, A.Mehner, B.Seidel,
Transition from Local to Itinerant Behavior in R-TM-Al Compounds with R = U, Ce and TM = Cu, Ni. (P)
10th Int.Conf.on Solid Compounds of Transition Elements, MÜNSTER, DE, 1991.05 21–25
43. C.Geibel, S.Thies, **D. KACZOROWSKI,** C.Schank, A.Mehner, B.Seidel, F.Steglich,
Heavy Fermions in Ternary U–Cu–Al Compounds. (C)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
44. **P.J. GODOWSKI, K. PRZYBYLSKI,**
AES: Effect of Peak Overload on Peak Amplitude Measurement Error. (P)
15th Int.Semin.on Surface Physics, PRZESIEKA, PL, 1991.05 20–25
45. **H. GRABOWSKA, J. WRZYSZCZ,**
Aktywność katalizatorów żelazowych i żelazowo–magnezowych w alkilacji fenolu metanolem. [Activity of Iron and Iron–Magnesium Catalysts in Alkylation of Phenol with Metanol.] (P)
XXXV Zj.PTChem. i SliTPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
46. **J. HANUZA, K. HERMANOWICZ, W. RYBA-ROMANOWSKI, S. GOŁĄB,** T.Lis, M.Berkowski,
Structure, IR and RAMAN Polarized Spectra of Ba_{0.8}Nd_{0.2}Ga₃O₇ Single Crystal. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
47. **J. HANUZA, M. MAĆZKA, E. ŁUKOWIAK, W. STRĘK,**
Spectroscopic Properties of Cr³⁺ Ion in Aluminium Tungstate Crystal. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06

48. **Z. HENKIE, T. CICHOREK, R. HORYŃ, A. WOJAKOWSKI,**
Effect of Isoelectronic Cation Substitution and Deoxygenation
of $\text{Bi}_8(\text{Sr}_{1-x}\text{Ca}_x)_8\text{Ca}_4\text{Cu}_9\text{O}_{33-\delta}$. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c
Superconductivity] WROCLAW, PL, 1991.10 21–22
49. **Z. HENKIE, T. CICHOREK, P. WIŚNIEWSKI, R. FABROWSKI, J. KLAMUT,**
Effect of Oxygen Deficiency on Transport Properties of $\text{Nd}_{0.85}\text{Th}_{0.15}\text{CuO}_{4-\delta}$. (P)
19th Rare Earth Research Conf., LEXINGTON, KY, US, 1991.07 14–19
50. **Z. HENKIE, T. CICHOREK, P. WIŚNIEWSKI, R. FABROWSKI, J. KLAMUT,**
Nonsuperconductor–Superconductor Transformation of $\text{Nd}_{1.85}\text{Th}_{0.15}\text{CuO}_{4-\delta}$ Controlled by
Deoxygenation and Examined by Transport Properties. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c
Superconductivity] WROCLAW, PL, 1991.10 21–22
51. **Z. HENKIE, R. MAŚLANKA, P. WIŚNIEWSKI, R. FABROWSKI, P.J.Markowski, J.J.M.Franse,**
M.von Sprang,
Anisotropy of Physical Properties of Uniaxial Antiferromagnetic USb_2 . (P)
19th Rare Earth Research Conf., LEXINGTON, KY, US, 1991.07 14–19
52. B.Hilczer, **A. PIETRASZKO, P.Piskunowicz, L.Szczepańska, J. STĘPIEŃ-DAMM,**
DTA and X-ray Studies of $\alpha\text{-NH}_4\text{LiSeO}_4$ Single Crystals. (P)
7th Europ.Meet.on Ferroelectricity, DIJON, FR, 1991.07 08–12
53. **R. HORYŃ,**
Specyfika i rodzaje zdefektowań struktury typu 2201 w tlenkowych połączeniach bizmutu i
miedzi. [Typology of 2201-Structure Defects in Copper and Bismuth Oxide Compounds.] (L)
IV Konfer.Chemików Nieorganików [4th Congr. Inorganic Chemists] WROCLAW, PL, 1991.12 13–14
54. **R. HORYŃ, R. ANDRUSZKIEWICZ, M. WOŁCYRZ,**
Effect of La_2O_3 Addition on Crystal Structure of the 2201-Type Bi–Sr–Cu–O Phase. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c
Superconductivity] WROCLAW, PL, 1991.10 21–22
55. **R. HORYŃ, A. SIKORA,**
On Thermal Stability and Mechanism of Formation of the 2223-Structure Type Phase in
Bi–Sr–Ca–Cu–O System. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c
Superconductivity] WROCLAW, PL, 1991.10 21–22
56. **R. HORYŃ, A. SIKORA,**
On Thermal Stability and Mechanism of Formation of the 2223-Structure Type Phase
in Bi–Sr–Ca–Cu–O System. (P)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors,
KANAZAWA, JP, 1991.07 22–26
57. M.M.Ilczyszyn, **J. BARAN, H. RATAJCZAK,**
Vibrational Study of KH_2PO_3 Single Crystal. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Part.] WROCLAW, PL, 1991.10 28–30
58. M.M.Ilczyszyn, **H. RATAJCZAK,**
Infrared Polarized Spectra of KH_2PO_3 . (P)
*8th Int.Conf.on Fourier Transform Spectroscopy, LÜBECK & TRAVEMÜNDE, DE, 1991.09 **-*a*
59. **W. IWASIECZKO, H. DRULIS, R.M.Frąk,**
High Temperature Phase Relationships in the Yb–H System. (P)
19th Rare Earth Research Conf., LEXINGTON, KY, US, 1991.07 14–19

60. **J.M. JABŁOŃSKI, L. KĘPIŃSKI, R. LAMBER, D. POTOCZNA-PETRU,**
Wysokotemperaturowa obróbka wodorem a skład fazowy i reaktywność katalizatorów: metal VIII podgrupy (Ni,Co,Pd)–podłoże niemetaliczne (SiO₂, Al₂O₃, C). [Influence of the High Temperature Treatment in Hydrogen on Phase Composition and Reactivity of Catalysts: Metal of VIII Subgroup (Ni,Co,Pd)–Nonmetallic Substrate (SiO₂, Al₂O₃, C).] (L)
XXIII Og.pol.Kol.Katalityczne. [23rd Polish Catalysis Colloq.] CRACOW, PL, 1991.02 04–06
61. **J. JANCZAK, R. KUBIAK,**
X-ray Study of Annealing Process of Au₃Cu, AuCu and AuCu₃ at 270 °C in Air. (P)
1st Eur. Powder Diffraction Conf. MUNICH, DE, 1991.03 14–16
62. **J. JANCZAK, R. KUBIAK,**
The Crystal Structure of the Cyclic Barium Copper Silicate Ba₂Cu₂[Si₄O₁₂] at 300 K. (P)
13th Eur. Crystallographic Meet., TRIESTE, IT, 1991.08 26–30
63. **J. JANCZAK, R. KUBIAK,**
Copper Oxides Formation in Cu–Au Alloys and Pure Copper in Air at 300 °C. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
64. **J. JANCZAK, R. KUBIAK,**
The Crystal Structure of BaCu(Si₄O₁₀) at 300 K. (P)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL, 1991.06 27–28
65. **J. JANICKI, R. TROĆ,**
Quasi-One-Dimensional Magnetic Properties of the (In, Sc, Lu, Y)₂O₅ Oxides. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
66. T.Jarlborg, B.Barbiellini, **E. BOROŃSKI,** P.Genoud, M.Peter,
Positron Annihilation and Correlation in High-T_c Oxides. (P)
Worksh.on Fermiology of High-Tc Superconductors, held at ANL, ARGONNE, IL, US, 1991.03 25–27
67. **A. JEŻOWSKI,**
Thermal Conductivity of High-T_c Superconductors. (L)
18th Semin.of the Middle-European Cooperation in Statistical Physics (MECO-18) DUISBURG, DE, 1991.03 12–14
68. **A. JEŻOWSKI,**
Thermal Conductivity of High-T_c Superconductors. (L)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
69. **A. JEŻOWSKI,**
Struktura zestalonych gazów molekularnych. [The Structure of Solidified Molecular Gases.] (L)
IV Konfer.Chemików Nieorganików [4th Congr. Inorganic Chemists] WROCLAW, PL, 1991.12 13–14
70. **A. JEŻOWSKI,**
Przewodnictwo cieplne nadprzewodników wysokotemperaturowych. [Thermal Conductivity of High-T_c Superconductors.] (C)
XXXI Zj. Fizyków Polskich [31st Congr.of Polish Physicists] POZNAŃ, PL, 1991.09 23–25
71. **D. KACZOROWSKI,**
New Ternary Uranium Pnictides with the UCuAs₂-Type Structure. (P)
10th Int.Conf.on Solid Compounds of Transition Elements, MÜNSTER, DE, 1991.05 21–25

72. **D. KACZOROWSKI, Z. ŻOŁNIEREK, R. Kießler, C. Geibel, F. Steglich,**
Magnetic and Electrical Properties of UT_2Sn_2 ($T = Co, Ni, Cu$) Intermetallics. (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28–05 01
73. **E. Kalecińska, J. KALECIŃSKI,**
Importance of Acetylacetone and 2,2'-Bipyridyl Ligands in Radiation-Chemical Processes of Complex Compounds. (C)
3rd Int.Meet.on Pulse Investigations in Physics, Chemistry & Biology, PULTUSK, PL, 1991.04 15–20
74. **J. KALECIŃSKI,**
Post-Irradiation Processes in Aqueous Glasses. (P)
17th Miller Conf.on Radiation Chemistry, HYÈRES-GIENS (Toulon) FR, 1991.09 15–20
75. **J. KALECIŃSKI,**
Influence of Matrix Composition on Electron Scavenging in Some Glassy Systems. (C)
3rd Int.Meet.on Pulse Investigations in Physics, Chemistry & Biology, PULTUSK, PL, 1991.04 15–20
76. **Z. KLETOWSKI,**
Thermoelectric Power of the $REIn_3$ Compounds. (P)
5th Symp.on Physics of Metals, USTRONŃ–Jaszowiec, PL, 1991.06 03–07
77. **Z. KLETOWSKI, P. SŁAWIŃSKI,**
Resistivity of the $REIn_3$ Compounds. (P)
5th Symp.on Physics of Metals, USTRONŃ–Jaszowiec, PL, 1991.06 03–07
78. **G. KONTRYM-SZNAJD,**
Electronic Structure of Solids by Positron Annihilation. (P)
5th Symp.on Physics of Metals, USTRONŃ–Jaszowiec, PL, 1991.06 03–07
79. **G. KONTRYM-SZNAJD,**
Influence of the Local Density Function on the Momentum Dependence of the Electronic Density. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
80. **G. KONTRYM-SZNAJD,**
Momentum Density Reconstruction from 2D ACAR Data. (L)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
81. **G. KONTRYM-SZNAJD,**
Anihilacja wysokoenergetycznych pozytronów w badaniach cząstek elementarnych. [Study of Elementary Particles by High Energy Positrons.] (C)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
82. **G. KONTRYM-SZNAJD, S. DANIUK,**
The Effective Electron Density Parameter for Metals. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
83. **G. KONTRYM-SZNAJD, S. DANIUK,**
Określenie efektywnej gęstości elektronowej. [Determination of Effective Electron Density.] (P)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
84. **G. KONTRYM-SZNAJD, J. MAJSNEROWSKI,**
Positron Annihilation in Zn and Cd. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31

85. **G. KONTRYM-SZNAJD, J. MAJSNEROWSKI,**
Electronic Structure of Mg and Cd by Positron Annihilation. (P)
Proc.75.WE-Heraeus & 21st Ann.Int.Symp.on Electronic Structure of Solids, GAUSSIG, DE,
 1991.03 11–15
86. **T. KRZYSZTOŃ,**
Flux Penetration in the Uniaxial Anisotropic Superconductor. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c
Superconductivity] WROCLAW, PL, 1991.10 21–22
87. **T. KRZYSZTOŃ,**
Vortex Penetration in the Uniaxial Anisotropic Superconductor. (P)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors,
 KANAZAWA, JP, 1991.07 22–26
88. **R. KUBIAK, J. JANCZAK,**
Copper Oxides Formation in Au–Cu Alloys and Pure Copper. (P)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL,
 1991.06 27–28
89. **J. LACH, A.R.A.Saad, H. STACHOWIAK,**
Positron Characteristics in an Electron Gas of Low and High Density. (C)
14th Conf.on Solid State Science, Worksh.on High Temperature Superconductivity, ASSUAN, EG,
 1991.01 19–25
90. J.Legendziewicz, E.Huskowska, **W. RYBA-ROMANOWSKI, A.Kozanecki,**
Low Temperature Spectroscopy of Lanthanide Compounds with Amino-Acids and Dipeptide. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
91. **L. LIPIŃSKI, H. MANUSZKIEWICZ, A. SZMYRKA-GRZEBYK,**
Long-Term Stability of Temperature of Indium Superconducting Transition. (P)
Worksh.on Uncertainties in Temperature Measurements, PARIS, FR, 1991.09 23–24
92. **K. ŁUKASZEWICZ,**
Krystalografia wczoraj, dzis' i jutro. [Crystallography Yesterday, To-day and Tomorrow.] (L)
XXXV Zj.PTChem.i SITPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
93. **K. ŁUKASZEWICZ, A. PIETRASZKO,**
Thermal Expansion of Crystals in Vicinity of the Phase Transition. (C)
18th Sch.on Ferroelectrics Physics, BOROWICE, PL, 1991.09 16–20
94. **E. ŁUKOWIAK, W. STRĘK, Z.Mazurak, M.Czaja,**
Optical Properties of Cr^{III} Ions in Some Silicates. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
95. E.T.G.Lutz, J.H.van der Maas, F.B.van Duijneveldt, J.Kanters, **J. BARAN, H. RATAJCZAK,**
A Low Temperature FT-IR Study of Crystalline Sugars. (P)
8th Int.Conf.on Fourier Transform Spectroscopy, LÜBECK & TRAVEMÜNDE, DE, 1991.09 **-*a
96. E.T.G.Lutz, Y.S.I.Veldhuizen, H.-J.Luinge, J.H.van der Maas, **J. BARAN, H. RATAJCZAK,**
Hydrogen Bonding in Crystalline β -D-Fructopyranose. A Variable Temperature FT-IR Study. (P)
8th Int.Conf.on Fourier Transform Spectroscopy, LÜBECK & TRAVEMÜNDE, DE, 1991.09 **-*a
97. **J. MUCHA, P. STACHOWIAK, A. JEŻOWSKI,**
Thermal Conductivity of the Solid Nitrogen with O₂ Impurity. (P)
7th Conf.on Physics of Cryocrystals, STARYI KARAVAN, UA, SU, 1991.09 05–11

98. A.Murasik, P.Fischer, A.Furrer, **R. TROĆ, Z. BUKOWSKI**,
Recent Advances in the $R_2Cu_2O_5$ (R = Rare Earth) Systems. Neutron Diffraction and Neutron Spectroscopy Studies. (P)
Int.Conf.on Neutron Scattering, OXFORD, E, UK, 1991.08 27–30
99. **B. SOBOCIŃSKA, B. JEŻOWSKA-TRZEBIATOWSKA**,
Wiązanie wodorowe w chemii nieorganicznej. [Hydrogen Bond in Inorganic Chemistry.] (L)
IV Konfer.Chemików Nieorganików [4th Congr. Inorganic Chemists] WROCLAW, PL, 1991.12 13–14
100. **B. NOWAK, O.J. ŻOGAŁ**,
Titanium KNIGHT Shifts in the Dihydrides of Ti–V Alloys. (P)
[14th] Conf.on Radio- and Microwave Spectroscopy, POZNAŃ, PL, 1991.04 08–11
101. G.Oczko, J.Legendziewicz, **W. STREK, J. HANUZA**,
Absorption and IR Spectra of Praseodymium Trichloroacetate Single Crystals. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
102. **W. OGANOWSKI, R. KLIMKIEWICZ**,
Utleniające odwodornienie etylobenzenu do styrenu w obecności katalizatora wanadowo–magnezowego. [Oxidative Dehydrogenation of Ethylbenzene to Styrene on the Vanadium–Magnesium Catalyst.] (C)
XXIII Og.-pol. Kol.Katalityczne [23rd Polish Catalysis Colloq.] CRACOW, PL, 1991.02 04–06
103. **W. OGANOWSKI, R. KLIMKIEWICZ**,
Kinetyka utleniającego odwodornienia etylobenzenu. [Kinetics of Oxidative Dehydrogenation of Ethylbenzene.] (P)
XXXV Zj.PTChem.i SITPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
104. **J. OLEJNICZAK, A.J. ZALESKI, M. CISZEK**,
Effect of Sn Doping on the Properties of $La_{2-x}Sr_xCuO_4$. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
105. **W.A. PACIOREK**,
The Program MSR [Crystallography]. (C)
Sch.on Methods of Structural Analysis of Modulated Structures & Quasicrystals, LEKEITIO (Bilbao) ES, 1991.04 20 –.05 04
106. **W.A. PACIOREK**, G.Chapuis,
New Algorithm for IC Structure Refinement. (P)
Int.Conf.on Polytypes, Modulated Structures and Quasicrystals, BALATONSZÉPLAK, HU, 1991.08 20–24
107. T.Paszkievicz, **M. WILCZYŃSKI**,
Scattering of Long-Wavelength Acoustic Phonons with Isotopic Impurities in Cubic Media. (P)
4th Symp.on Statistical Physics, ZAKOPANE, PL, 1991.09 19–29
108. **A. PIETRASZKO**, N.N.Kolpakova,
X-ray Studies of $Cd_2Nb_2O_7$. (C)
18th Sch.on Ferroelectrics Physics, BOROWICE, PL, 1991.09 16–20
109. **A. PIETRASZKO, K. ŁUKASZEWICZ**,
Crystal Structure and Polytypism of α - $LiNh_4SO_4$. (P)
13th Eur. Crystallographic Meet., TRIESTE, IT, 1991.08 26–30
110. **A. PIETRASZKO, J. STEPIEŃ-DAMM, K. ŁUKASZEWICZ**, B.Zadokhin,
The Crystal Structure and Phase Transition in Hg_2Cl_2 . (P)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL, 1991.06 27–28

111. **T. PLACKOWSKI, K. ROGACKI,**
Grain Surface Instability in Superconducting $\text{ErBa}_2\text{Cu}_3\text{O}_{6+x}$. (C)
3rd Int.Conf.on Modern Aspects of Superconductivity, PARIS, FR, 1991.10 06–09
112. **K. PRZYBYLSKI,**
Rola symetrii i wzbudzenia lokalnego w adsorpcji dysocjatywnej wodoru na powierzchni metali prostych. [The Influence of Symmetry and the local Excitation on the Dissociative Adsorption of Hydrogen on Simple Metals Surfaces. (P)
XXXV Zj.PTChem. i SITPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
113. **K. PRZYBYLSKI, J.Koutecky, V.Bonacic-Koutecky,**
An *ab-initio* Configuration Interaction Study of the Dissociation of Molecular Hydrogen on a Mg Surface. (P)
15th Int.Sem.on Surface Physics, PRZESIEKA, PL, 1991.05 20–25
114. F.F.Qualì, A.V.Akimov, L.J.Challis, C.J.Melor, **B. SUJAK-CYRUL,**
Experimental Separation of Phonon and Extrinsic Scattering Rates in a Two-Dimensional Electron Gas (2DEG) in a Si MOS FET. (P)
11th Gen.Conf.of Condensed Matter Div.of EPS, EXETER, E, UK, 1991.04 08–11
115. **H. RATAJCZAK,**
On the Problems of Anharmonicity in Vibrational Spectroscopy of Molecular Complexes. (L)
10th Int.Sch.-Semin.on Spectroscopy of Molecules and Crystals, KLEMENTOVO / SUMY, UA, SU, 1991.04 **_*a
116. **H. RATAJCZAK, M.M.Ilczyzyn, J. BARAN,**
Vibrational Spectroscopy of Hydrogen Bonded Ferroelectrics of Betaine Type. (L)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Partic.] WROCLAW, PL, 1991.10 28–30
117. **H. RATAJCZAK, A.M.Yaremko, J. BARAN,**
FERMI Resonances in the Vibrational Spectra of CsHSeO_4 Crystal. (P)
1st Natl.Conf.on Molecular Spectroscopy [with Int.Partic.] WROCLAW, PL, 1991.10 28–30
118. **K. ROGACKI, T. PLACKOWSKI, Z. BUKOWSKI, C. SUŁKOWSKI, D. WŁOSEWICZ, R. HORYŃ,**
Instability of Superconducting $\text{ErBa}_2\text{Cu}_3\text{O}_{6+x}$ Due to the Heat Treatment at 150°C . (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
119. **A. ROJEK, G. WASILEWSKA, A. BOHDZIEWICZ, B. CENDLEWSKA, E. TROJNAR,**
115 K Superconductivity of $\text{Bi}(\text{Pb}/\text{Sb})\text{-Sr-Ca-Cu-O}$ Thick Films. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
120. **A. RUBASZEK,**
Electron–Positron Correlations at a Metal Surface: Aluminium. (I)
5th Symp.on Physics of Metals, USTROŃ / JASZOWIEC, PL, 1991.06 03–07
121. **A. RUBASZEK,**
Oddziaływanie elektron–pozytron przy powierzchni metalu. [Electron–Positron Interaction at the Metal Surface.] (P)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
122. **J. RUDNY[†], P.J. GODOWSKI,**
Surface Segregation in Selected Alloys of Cobalt with VIII Group Metal. (C)
6th Conf.on Surface Physics, ŁÓDŹ, PL, 1991.06 26–28

123. **W. RYBA-ROMANOWSKI, S. GOŁĄB, G. DOMINIĄK-DZIK,**
Spectral Characteristics of BaLaGa₃O₇ (BLGO) and SrLaGa₃O₇ (SLGO) Crystals Doped with Neodymium. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
124. **M.Šob, S. DANIUK, A. RUBASZEK,**
Positron Annihilation Rates in Simple and Transition Metals by Local Density Approach – Comparison of Recent Results. (P)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
125. **I. SOKÓLSKA,**
Quenching of the Photoluminescence of NaCl:Eu²⁺ Crystals. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
126. **I. SOKÓLSKA, E. MUGEŃSKI,**
Thermal and Concentration Quenching of the Photoluminescence of the NaCl:Eu²⁺ and KCl:Eu²⁺ Crystals. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
127. **H. STACHOWIAK,**
Electron–Positron Interaction and the Positron Annihilation Method in Metal Physics. (I)
14th Conf.on Solid State Science, Worksh.on High Temperature Superconductivity, ASSUAN, EG, 1991.01 19–25
128. **H. STACHOWIAK,**
Application of the Methods of the Theory of Liquids to Electron–Positron Interaction in Jellium. (I)
5th Symp.on Physics of Metals, USTRON / JASZOWIEC, PL, 1991.06 03–07
129. **H. STACHOWIAK,**
Electron–Positron Interaction in Jellium: Liquid Theory Approach. (L)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
130. **H. STACHOWIAK, J. LACH,**
Electron–Positron Interaction in an Electron Gas at Low and High Densities. (I)
9th Int.Conf.on Positron Annihilation, SZOMBATHELY, HU, 1991.08 26–31
131. **H. STACHOWIAK, J. LACH,**
Oddziaływanie elektron–pozytron w gazie elektronowym o gęstościach mniejszych i większych od metalicznych. [Electron–Positron Interaction in an Electron Gas of Density Lower and Higher than that in Metal.] (P)
XXIII Semin. Anihilacji Pozytronów [23rd Semin.on Positron Annihilation] LASOCIN, PL, 1991.05 06–10
132. **P.Starynowicz, K.Bukietyńska, W. RYBA-ROMANOWSKI,**
Crystal Structure and Spectroscopic Properties of Neodymium Ethylenediammonium Azide. (P)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
133. **J. STEPIEŃ-DAMM, I.I.Farbshtein, N.K.Shluga, P. FEDCZYSZYN,**
Temperature Dependence of Lattice Parameters of Te and Te+2 at.% Se Single Crystals in the Range 10–300 K. (P)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL, 1991.06 27–28
134. **J. STEPIEŃ-DAMM, T. MORAWSKA-KOWAL, Z. DAMM,**
Kinetics of Oxygen Loss in Some RE Ba₂Cu₃O₇ Compounds. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22

135. **J. STEPIEŃ-DAMM, T. MORAWSKA-KOWAL, Z. DAMM,**
Some Remarks on RE BaCuO Synthesis Mechanism. (C)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
136. **J. STEPIEŃ-DAMM, A. PIETRASZKO, K. ŁUKASZEWICZ,**
X-ray Studies of Spontaneous Deformation in Hg₂Cl₂ Crystal. (P)
18th Sch.on Ferroelectrics Physics, BOROWICE, PL, 1991.09 16–20
137. **J. STEPIEŃ-DAMM, K. ROGACKI, T. MORAWSKA-KOWAL, Z. DAMM,**
Synthesis of Superconducting Single-Phase and High-Density RE Ba₂Cu₃O₇. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
138. **W. STRĘK, M. GAŁCZYŃSKI,**
Effect of Active Center Concentration on Absorption Spectra of Pr³⁺ in Tetraphosphate Crystals. (P)
2nd Int.Conf.on Rare Earth Development & Applications, BEIJING, CN, 1991.05 27–31
139. **W. STRĘK, M. GAŁCZYŃSKI, M. BŁAŻEJ,**
Concentration Dependence of Absorption Spectra of Pr³⁺ in LaF₃. (P)
Wksh.on the Basic & Applied Aspects of Rare Earths, VENICE, IT, 1991.05 09–10
140. **W. STRĘK, B. JEŻOWSKA-TRZEBIATOWSKA,**
Effect of Active Center Concentration on Absorption Spectra of Pr^{III} in Crystals. (L)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
141. **B. SUJAK-CYRUL,**
Experimental Separation of Phonon and Extrinsic Scattering Rates in a Two-Dimensional Electron Gas (2DEG) in a Si MOS FET. (P)
Low Temperature - Ann.Conf of IoP, BIRMINGHAM, E, UK, 1991.05 14–1a
142. **N.M.Suleimanov, H. DRULIS, P.W. KLAMUT, G. CHADZYŃSKI, A.P.Shengelaya, E.F.Kukovitskiĭ, R.G.Mustafin,**
NMR Investigation of the Hydrogenation Effect on High-T_c Electron Superconductor Sm_{1.85}Ce_{0.15}CuO₄. (P)
Soviet-German Bilateral Semin.on Rare-Earth Materials, KAZAN', RF, SU, 1991.09 17–20
143. **N.M.Suleimanov, H. DRULIS, A.D.Shengelaya, G. CHADZYŃSKI,**
EPR Investigations of Cu²⁺ Centers in H₂La_{1.8}Sr_{0.2}CuO₄ System. (P)
[14th] Conf.on Radio- and Microwave Spectroscopy, POZNAŃ, PL, 1991.04 08–11
144. **N.M.Suleimanov, A.D.Shengelaya, R.G.Mustafin, E.F.Kukovitskiĭ, H. DRULIS, G. CHADZYŃSKI, P.W. KLAMUT, J. JANCZAK,**
Hydrogenation Effect on Structure and Properties of High-T_c Ceramic Superconductors La-Sr-Cu-O and Sm-Ce-Cu-O. (P)
Mezhd.konf. «Vysokotemperaturnaya sverkhprovodimost' i lokalizatsionnye yavleniya» [Int.Conf.on High-Temperature Superconductivity and Localization Effects] MOSCOW, SU, 1991.05 11–17
145. **N.M.Suleimanov, A.D.Shengelaya, R.G.Mustafin, E.F.Kukovitskiĭ, P.W. KLAMUT, G.W. CHADZYŃSKI, H. DRULIS, J. JANCZAK,**
NMR Investigations of Hydrogenated Sm_{1.85}Ce_{0.15}CuO₄. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
146. **N.M.Suleimanov, A.D.Shengelaya, R.G.Mustafin, E.F.Kukovitskiĭ, P.W. KLAMUT, G.W. CHADZYŃSKI, H. DRULIS, J. JANCZAK,**
NMR Investigation of Hydrogenated Sm_{1.85}Ce_{0.15}CuO₄. (P)
3rd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, KANAZAWA, JP, 1991.07 22–26

147. **C. SUŁKOWSKI, K. ROGACKI, W. Sadowski, E. Walker,**
Superconducting Properties of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_{4-y}$ Single Crystals. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
148. **W. SUSKI,**
5f–3d Interaction in the Intermetallic Compounds. (L)
5th Symp.on Physics of Metals, USTRON–Jaszowiec, PL, 1991.06 03–07
149. **W. SUSKI,**
Nowe materiały magnetyczne. [New Magnetic Materials.] (L)
IV Konfer.Chemików Nieorganików [4th Congr. Inorganic Chemists] WROCLAW, PL, 1991.12 13–14
150. **W. SUSKI, A. BARAN, L. FOLCIK, K. WOCHOWSKI, T. Mydlarz,**
Structure and Magnetic Properties of the $\text{UFe}_x\text{Cu}_{4-x}\text{Al}_8$ System. (P)
19th Rare Earth Research Conf., LEXINGTON, KY, US, 1991.07 14–19
151. **W. SUSKI, A. BARAN, L. FOLCIK, K. WOCHOWSKI, T. Mydlarz,**
Structure and Magnetic Properties of $\text{U}(\text{Fe}_x\text{Cu}_{1-x})_4\text{Al}_8$ System. (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
152. **J. SZNAJD, J. Zittartz,**
The Low Temperature Phase in the 2D Quantum XY Model. (P)
12th Int.Conf.on Magnetism, EDINBURGH, Sc., UK, 1991.09 02–06
153. **J. SZTUCKI,**
Two-Photon Spectroscopy of Transition Metal and Rare Earth Ions in Crystals. (C)
2nd Int.Sch.on Excited States of Transition Elements, WROCLAW & KARPACZ, PL, 1991.09 02–06
154. **J. SZTUCKI,**
The Intensity of Two-Photon Absorption in Transition-Metal Ions: Ni^{2+} Ions in Octahedral Symmetry. (P)
8th Int.Conf.on Dynamical Processes in Excited States of Solids, LEIDEN, NL, 1991.08 27–31
155. **J. SZTUCKI,**
Two-Photon Transition Intensities within Symmetry-Adapted Eigenvector Approach. Ni^{2+} in O_h Symmetry. (C)
Int.Sch.of Atomic & Molecular Spectroscopy, ERICE (Sicily) IT, 1991.06 16–30
156. **A.E. SZUKIEL, K. DURCZEWSKI,**
Magnetic Excitation Life-Time and the Electrical Resistivity of Metallic Rare-Earth Compounds. (P)
12th Int.Conf.on Magnetism, EDINBURGH, Sc, UK, 1991.09 02–06
157. **P. TEKIEL,**
Influence of the Uniaxial Anisotropy on the Longitudinal Current Distribution in the Mixed State of the Hollow, Current-Carrying, Superconducting Cylinder. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High- T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
158. **P.E. TOMASZEWSKI,**
Ferroelectric Phase Transitions in Data-Base of Structural Phase Transitions. (P)
7th Eur.Meet.on Ferroelectricity, DIJON, FR, 1991.07 08–12
159. **P.E. TOMASZEWSKI,**
Baza danych o strukturalnych przemianach fazowych w kryształach. [Data-Base of Structural Phase Transitions in Crystals.] (P)
XXXIII Konwers. Krystalograficzne [33rd Polish Crystallographic Meeting] WROCLAW, PL, 1991.06 27–28

160. **V.H. TRAN, R. TROĆ,**
Magnetic Properties of Novel UFe(Si,Ge) and UAu(Si,Ge) Phases. (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
161. **R. TROĆ,**
Investigation of the Intermetallic Compounds with Uranium in INTiBS Wrocław. (L)
5th Symp.on Physics of Metals, USTRON / JASZOWIEC, PL, 1991.06 03–07
162. **R. TROĆ, J. JANICKI,**
Quasi-One-Dimensional Ferromagnet BaCuO₂. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
163. **R. TROĆ, D. KACZOROWSKI,**
Structural, Magnetic and Transport Properties of the Ternary Uranium Pnictides Containing a Transition Metal. (L)
10th Int.Conf.on Solid Compounds of Transition Elements, MÜNSTER, DE, 1991.05 21–25
164. **R. TROĆ, V.H. TRAN,**
Magnetic and Transport Properties of the UTM Series. (P)
19th Rare Earth Research Conf., LEXINGTON, KY, US, 1991.07 14–19
165. **R. TROĆ, V.H. TRAN,**
Magnetic and Transport Properties of the UTSn Series (*T* = Co, Ni, Ru, Rh, Pd, Ir and Pt). (P)
21èmes Journées des Actinides, MONTECHORO (Algarve) PT, 1991.04 28 –.05 01
166. **J.J. WNUK,**
Tunelowanie do nadprzewodników (Bi,Pb)-Sr-Ca-Cu-O. [Tunneling into (Bi,Pb)-Sr-Ca-Cu-O Superconductors.] (C)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
167. **A. WOJAKOWSKI, R. HORYŃ,**
On the Existence of the 2212-Structure Type Phase in Bi-Sr-Nd-Cu-O System. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-T_c Superconductivity] WROCLAW, PL, 1991.10 21–22
168. **M. WOŁCYRZ, R. ANDRUSKIEWICZ, L. KĘPIŃSKI,**
X-ray and Electron Diffraction Studies of a New Phase in Ca–Mo–O System: Ca₂Mo₉O₁₄. (P)
13th Eur. Crystallographic Meet., TRIESTE, IT, 1991.08 26–30
169. **J. WRZYSZCZ, R. KLIMKIEWICZ,**
Kompozyty ceramiczno–organiczne. [Ceramic–Organic Composites.] (P)
XXXV Zj.PTChem. i SITPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
170. **Z.G.Xu, H. DRULIS, J.W.Brill, L.De Long, J.-C.Hou, E.H.Brandt,**
Vibrating Reed Study of a Magnetically Reversible Region in Nb and NbSe₂. (P)
6th Int.Worksh.on Critical Currents, CAMBRIDGE, Engl., UK, 1991.07 07–11
171. **A.J. ZALESKI, J. OLEJNICZAK, M. CISZEK,**
Excess Superconductivity in GdBa₂(Cu_{1-x}Fe_x)₃O_{6+y} in High Magnetic Fields. (P)
6th Int.Worksh.on Critical Currents, CAMBRIDGE, Engl., UK, 1991.07 07–11
172. **A.J. ZALESKI, J. OLEJNICZAK, M. CISZEK,**
Paraprzewodnictwo GdBa₂(Cu_{1-x}Fe_x)₃O_{6+y} w polu magnetycznym. [Excess Conductivity in GdBa₂(Cu_{1-z}Fe_z)₃O_{6+x}.] (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-T_c Superconductivity] WROCLAW, PL, 1991.10 21–22

173. **M. ZAWADZKI, Z. JAWORSKA-GALAS,**
Zmiany morfologiczne przejściowych tlenków glinu podczas rehydratacji. [Morphological Changes of Transition Aluminas During Rehydration.] (P)
XXXV Zj.PTChem. i SITPChem. [35th Congr.of Pol.Chem.Soc.] KIELCE, PL, 1991.09 03–07
174. P.Ziółkowski, J.Milach, **P. DEREŃ,** L.Latos-Grażyński,
The Effect of the Photodynamic Therapy by Use of the Krypton Laser and meta-OH-para (CH₃)₃-Tetraphenylporphyrin on Cells of Transplantable Mammary Cancer. (P)
2nd Int.Conf.on Lasers M²P (Mat. Engng., Med./Biol. & Phys./Chem.), GRENOBLE, FR, 1991.07 09–11
175. **O.J. ŻOGAŁ, C. JUSZCZAK,** A.Vuorimäki, E.E.Ylinen, M.Punkkinen, **H. DRULIS,**
¹³⁹La NMR Low Temperature Spectra Analysis in Some Lanthanum Hydrides. (P)
[14th] Conf.on Radio- and Microwave Spectroscopy, POZNAŃ, PL, 1991.04 08–11
176. **O.J. ŻOGAŁ, K. NIEDŹWIEDŹ, B. NOWAK, R. ANDRUSZKIEWICZ,**
Relaksacja jądrowa (T₁) i przesunięcia KNIGHTA jąder ⁷¹Ga w Mo₃Ga. [Nuclear Relaxation (T₁) and KNIGHT Shifts of ⁷¹Ga in Mo₃Ga.] (L)
XXIV Og.pol.Semin.nt. Magnetycznego Rezonansu Jądrowego [24th Natl.Sem.on NMR & Applications] CRACOW, PL, 1991.12 02–03
177. **O.J. ŻOGAŁ, B. NOWAK, K. NIEDŹWIEDŹ,**
⁹¹Zr MAS NMR w dwuwodorku cyrkonu ZrH₂. [⁹¹Zr MAS NMR in ZrH₂.] (P)
XXIV Og.pol.Semin.nt. Magnetycznego Rezonansu Jądrowego [24th Polish Semin.on NMR & Applications] CRACOW, PL, 1991.12 02–03
178. **Z. ŻOŁNIEREK, D. BADURSKI, R. GORZELNIAK, D. KACZOROWSKI,**
Magnetic and Electric Properties of the UCo_{2-x}Ge_{2+x} System. (P)
5th Symp.on Physics of Metals, USTROŃ-Jaszowiec, PL, 1991.06 03–07
179. **A. ZYGMUNT,**
Some Aspects of Superconductivity in Bi₂Sr_{2-x}M_xCu₁O_y (M = Ca, Ba, La, Pr) Systems. (P)
III Kraj.Symp.: Nadprzewodnictwo wysokotemperaturowe [3rd Natl.Symp.on High-Tc Superconductivity] WROCLAW, PL, 1991.10 21–22
-