

## LISTA PUBLIKACJI 1989 LIST of PUBLICATIONS

### KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE BOOKS, MONOGRAPHS & REVIEWS

1. **B. JEŻOWSKA-TRZEBIATOWSKA**, J. Legendziewicz, **W. STRĘK**, (Editors)  
**Excited States of Transition Elements.**  
Proceedings of the First International School, Książ Castle, Poland, June 1988  
(Singapore: World Scientific 1989) pp. xi+705.
2. **A. JEŻOWSKI**,  
**Przewodnictwo cieplne nadprzewodników wysoko-temperaturowych.**  
[Thermal Conductivity of High-Temperature Superconductors.]  
(Wrocław: INTiBS PAN 1989) 72 pp. [in Polish].
3. **G. SZNAJD**,  
**Wyznaczanie struktury elektronowej metali oraz parametrów oddziaływania elektron-pozytron w oparciu o dane doświadczalne anihilacji pozytronów.** [Determination of Electronic Structure of Metals and Electron-Positron Interaction Parameters Based on Experimental Data of Positron Annihilation.]  
(Wrocław: INTiBS PAN 1989.11) 71 pp. [in Polish].

### ARTYKUŁY W CZASOPISMACH NAUKOWYCH ARTICLES IN SCIENTIFIC JOURNALS

4. A. Arkowska, E. Grażyńska, **R. KUBIAK**,  
**Synthesis and Characteristic of the Ni(II) Perchlorate Complex with tris(((Aminodiethyleneamine) Amine) Methyl) Amine.**  
*Mater. Sci. (Poland)* **15**<sub>3</sub> (1989) 31–36.
5. A. Arkowska, E. Grażyńska, **R. KUBIAK**, H. Paulus,  
**Enantiomeric Conformations of the Ni(II) Perchlorate Complex with tris(((Aminoethyl) Amino) Methyl) Amine.**  
*Inorg. Chim. Acta* **156**<sub>2</sub> (1989) 175–76. [DOI]
6. A. Arkowska, E. Grażyńska, **R. KUBIAK**, H. Paulus,  
**Template Synthesis and Molecular Structure of the Nickel(II) Perchlorate–Chloride Complex with tris(((Aminoisopropyl) Amino) Methyl) Amine.**  
*Inorg. Chim. Acta* **159**<sub>2</sub> (1989) 153–55. [DOI]
7. **K. BARTKOWSKI**, G. Pompe, E. Hegenbarth,  
**Specific Heat of Single-Crystalline Cd<sub>3</sub>As<sub>2</sub>, Cd<sub>3</sub>P<sub>2</sub> and Zn<sub>3</sub>P<sub>2</sub> at Low Temperatures.**  
*phys. stat. sol. (a)* **111**<sub>2</sub> (1989) K165–69. [DOI]
8. С.А.Басун, **P. DEREŃ**, А.А.Каплянский, **W. STRĘK**, С.П.Феофилов,  
**Сужение линий флуоресценции и оптическое детектирование неравновесных терагерцовых акустических фононов в разупорядоченных кристаллах MgAl<sub>2</sub>O<sub>4</sub> : Cr<sup>3+</sup>.**  
[Fluorescence Line Narrowing and Optical Detection of Terahertz Phonons in Disordered MgAl<sub>2</sub>O<sub>4</sub> : Cr<sup>3+</sup>.]  
*Физ. Тверд. Тела* **31**<sub>3</sub> (1989) 199–202 [in Russian]. Engl. in: *Sov. Phys.- Solid State* **31**<sub>3</sub> (1989) 460–64.

9. **L. BIEGAŁA**, J.Michalski,  
**Consistent Spin-Wave Theory for Easy-Plane Ferromagnets.**  
*phys. stat. sol. (b)* **152**<sub>1</sub> (1989) K17–21. [\[DOI\]](#)
10. **A. BOHDZIEWICZ**, **B. CENDLEWSKA**, **M. KAZIMIERSKI**, **J. SZYMASZEK**, **J.J. WNUK**,  
**Superconducting Properties of LuRh<sub>1.2</sub>Sn<sub>4</sub> Thin Films.**  
*phys. stat. sol. (a)* **114**<sub>1</sub> (1989) K49–51. [\[DOI\]](#)
11. **E. BOROŃSKI**, R.M.Nieminen,  
**Positron Trapping in Semiconductors: Some Theoretical Models.**  
*Acta Univ. Wratisl. Nr 1204 [Math.Phys.Astr. Nr 56]* (1989) 13–\*\*.  
*20th Polish Semin.on Positron Annihilation*, PIECHOWICE, PL, 1988.05 16–21
12. A.P.Brodyanskiĭ, Yu.A.Freĭman, **A. JEŻOWSKI**,  
**The Magnetic Properties of  $\gamma$ -Phase and Liquid Oxygen.**  
*J. Phys. Cond. Matt.* **1**<sub>5</sub> (1989) 999–1004. [\[DOI\]](#)
13. A.Budkowski, A.Prodan, V.Marinković, **D. KUCHARCZYK**, **I. USZYŃSKI**, F.W.Boswell,  
**A Superspace-Group Description of the Commensurately-Modulated Structure of TaTe<sub>4</sub>.**  
*Acta Cryst. B* **45**<sub>6</sub> (1989) 529–34. [\[DOI\]](#)
14. J.Chrzanowski, B.Sujak, **I. BENZAR**, **A.J. ZALESKI**, **M. CISZEK**, **J. OLEJNICZAK**,  
**High-Temperature Superconductor GdBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Investigation by Optically Thermostimulated Exoemission (OTSEE) Method.**  
*Mod. Phys. Lett. B* **3**<sub>13</sub> (1989) 987–91. [\[DOI\]](#)
15. **M. CISZEK**, **P. TEKIEL**, **G. KOZŁOWSKI**,  
**Influence of Surface Layer on ac Losses Minimum in Type II Superconductors.**  
*Supercond. Sci. Technol.* **1**<sub>6</sub> (1989) 360–63. [\[DOI\]](#)
16. **R. CYWIŃSKI**, M.Manfredi,  
**Aggregation Processes in NaCl : Eu<sup>2+</sup> System Induced by High Temperature Annealing.**  
*phys. stat. sol. (a)* **112**<sub>1</sub> (1989) 215–19. [\[DOI\]](#)
17. **R. CYWIŃSKI**, **E. MUGEŃSKI**, W.Nowy-Wiechuła, J.Wiechuła,  
**SUZUKI Phase Precipitates in Doubly-Doped KCl : Pb<sup>2+</sup>, Mn<sup>2+</sup> Crystals.**  
*phys. stat. sol. (b)* **151**<sub>1</sub> (1989) 47–51. [\[DOI\]](#)
18. Z.Czapla, S.Dacko, U.Krzewska, **A. WAŚKOWSKA**,  
**Dielectric Properties and Phase Transitions in [(CH<sub>3</sub>)<sub>2</sub>NH<sub>2</sub>]<sub>5</sub>Cd<sub>3</sub>Cl<sub>11</sub> Single Crystals.**  
[(DMA)<sub>5</sub>Cd<sub>3</sub>Cl<sub>11</sub>]  
*Solid State Commun.* **71**<sub>2</sub> (1989) 139–41. [\[DOI\]](#)
19. **Z. DAMM**, **J. KLAMUT**, **T. MORAWSKA-KOWAL**, **J. OLEJNICZAK**, **J. STĘPIEŃ-DAMM**,  
**CZ. SUŁKOWSKI**, **E. TROJNAR**,  
**Some Properties of Superconducting (RE)Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> Compounds with Different Bulk Densities.**  
*phys. stat. sol. (a)* **116**<sub>1</sub> (1989) 367–70. [\[DOI\]](#)
20. **S. DANIUK**,  
**A Local-Density Study of the Electron–Positron Enhancement Effects in Transition Metals.**  
*Acta Univ. Wratisl. Nr 1204 [Math.Phys.Astr. Nr 56]* (1989) 43–48.  
*20th Polish Semin.on Positron Annihilation*, PIECHOWICE, PL, 1988.05 16–21
21. **S. DANIUK**,  
**A Local-Density Study of the Electron–Positron Interaction in Transition Metals by Positron Annihilation.**  
*J. Phys. Cond. Matt.* **1**<sub>32</sub> (1989) 5561–66. [\[DOI\]](#)

22. **S. DANIUK**, T.Jarlborg, **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**, **H. STACHOWIAK**,  
**Electronic Structure of Mg, Zn and Cd.**  
*J. Phys. Cond. Matt.* **1**<sub>44</sub> (1989) 8397–406. [\[DOI\]](#)
23. **S. DANIUK**, **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**, M.Šob, **H. STACHOWIAK**,  
**Electron–Positron Interaction in Metals: Momentum Dependence of HMC and Ionic Core Enhancement Factors.**  
*J. Phys. Cond. Matt.* **1**<sub>35</sub> (1989) 6321–26. [\[DOI\]](#)
24. D.Dimitrov, A.Zahariev, V.Kovachev, **R. WAWRYK**,  
**Forced Convective Heat Transfer to Supercritical Nitrogen in a Vertical Tube.**  
*Int. J. Heat Fluid Flow* **10**<sub>3</sub> (1989) 278–80. [\[DOI\]](#)
25. Z.Domański, **J. SZNAJD**,  
**Magnetoelastic Excitations in Ferromagnets with Cubic Single-Ion Anisotropy.**  
*Z. Phys. B* **74**<sub>2</sub> (1989) 75–80. [\[DOI\]](#)
26. I.Dofov, N.Kirov, M.P.Fontana, M.Manfredi, B.Rosi, **R. CYWIŃSKI**,  
**Temperature Dependence of the Molecular Reorientation Dynamics in Nematic and Isotropic EBBA and 5CB by Fluorescent Probe Depolarization Spectroscopy.**  
*Liq. Cryst.* **4**<sub>3</sub> (1989) 241–52. [\[DOI\]](#)
27. **M. DRULIS**, **A. BARAN**, **B. STALIŃSKI**, **W. SUSKI**, R.Felten, F.Steglich, L.Pawlak,  
**Low-Temperature Specific Heat and Electrical Resistivity of UCu<sub>4.5</sub>Al<sub>7.5</sub>.**  
*Thermochim. Acta* **139** (1989.03) 219–24. [\[DOI\]](#)
28. **M. DRULIS**, **B. STALIŃSKI**,  
**Low Temperature Specific Heat of Ytterbium and Europium Dihydrides.**  
*Z. phys. Chem. NF* **163** (1989) 155–60 [pt I].  
*1st Int.Symp.on Metal–Hydrogen Systems, Fundamentals and Applications*, STUTTGART, DE, 1988.09 04–09
29. **A. DRZEWIŃSKI**, **J. SZNAJD**,  
**Real-Space Renormalization-Group Study of the Anisotropic Quantum HEISENBERG Model on a Square Lattice.**  
*Phys. Lett. A* **138**<sub>3</sub> (1989) 143–46. [\[DOI\]](#)
30. K.Fischer, **A. ROJEK**, S.Thierfeldt, H.Lippert, R.R.Arons,  
**Tracking the Formation of 2223 BiSrCaCu Oxygen Compounds by Resistivity and Susceptibility Measurements Reaching  $T_c(O) = 115$  K.**  
*Physica C* **160**<sub>5/6</sub> (1989) 466–70. [\[DOI\]](#)
31. P.Fischer, A.Murasik, **D. KACZOROWSKI**, **R. TROĆ**,  
**Antiferromagnetism of UNi<sub>2</sub>P<sub>2</sub> and UNiAs<sub>2</sub> by Neutron Diffraction.**  
*Physica B* **156/157** (1989.01/02) 829–31. [\[DOI\]](#)  
*4th Int.Conf.on Neutron Scattering*, GRENOBLE, FR, 1988.07 12–15
32. **Z.M. GALASIEWICZ**,  
**Magnetic Type “Charge” for Superfluid Velocity  $v_s$  in <sup>3</sup>He-A and <sup>3</sup>He-B.**  
*Physica A* **159**<sub>2</sub> (1989) 301–17. [\[DOI\]](#)
33. **Z.M. GALASIEWICZ**,  
**Order Parameter Operator and Equations of Motion for Quasi-Conserved Quantities for Orbital <sup>3</sup>He-A Hydrodynamics.**  
*Physica A* **161**<sub>2</sub> (1989) 269–83. [\[DOI\]](#)
34. **Z.M. GALASIEWICZ**,  
**Remark about Influence of the Phonon-Charged Boson Interaction on the Isotope Effect.**  
*Physica C* **160**<sub>3/4</sub> (1989) 314–16. [\[DOI\]](#)

35. **P. GODOWSKI**, I.Jarmakowicz, J.Kubicki, J.Zabrzewski,  
**Modifications of Car-Body Steel Surface Composition During Annealing in Vacuum.**  
*J. Mater. Sci. Lett.* **8**<sub>4</sub> (1989) 459–63. [DOI]
36. **P. GODOWSKI, K. PRZYBYLSKI**,  
**Effect of Peak-Overlap on AUGER Peak Amplitude Measurement Error in dN/dE Mode.**  
*Vacuum* **39**<sub>5</sub> (1989) 439–42. [DOI]
37. **J. GONDZIK, H. STACHOWIAK**,  
**Remarks on the Applicability of Various Approximations in Electron Liquid Theory to the Screening of Impurities.**  
*Acta Phys. Pol. A* **75**<sub>4</sub> (1989) 531–40.
38. **H. GRABOWSKA, W.Kaczmarczyk, J. WRZYSZCZ**,  
**Synthesis of 2,6-Xylenol by Alkylation of Phenol with Methanol.**  
*Appl. Catal.* **47**<sub>2</sub> (1989) 351–55. [DOI]
39. A.Gubański, **M. SUSZYŃSKA, D. NOWAK-WOŹNY**,  
**Europium Precipitates in Monocrystalline NaCl. II. Clustering Phenomena Studied by Means of ITC.**  
*Bull. Pol. Ac. Chem.* **37**<sub>9–12</sub> (1989) 393–404. For III. see: *ibid.*, pp. 405–16 (foll. paper, by D.N-W. & M.S.).  
 For I. see: *J. Mater. Sci.* **22** (1987) 715–21. [DOI]
40. **J. HANUZA, K. HERMANOWICZ, B. JEŹOWSKA-TRZEBIATOWSKA, S.Waplak**,  
**Spectroscopic Properties of Cr(CN)<sub>6</sub><sup>3-</sup> Ion Trapped in NaCl, KCl, RbCl and KBr Hosts.**  
*J. Mol. Struct.* **212** (1989.09) 255–69. [DOI]
41. **J. HANUZA, K. HERMANOWICZ, S.Waplak**,  
**The ESR Spectra of Cr(CN)<sub>6</sub><sup>3-</sup> Ion Doped into NaCl, KCl, RbCl and KBr Hosts.**  
*J. Phys. Cond. Matt.* **1**<sub>43</sub> (1989) 8209–15. [DOI]
42. **J. HANUZA, J. KLAMUT, R. HORYŃ, B. JEŹOWSKA-TRZEBIATOWSKA**,  
**Vibrational Properties of the YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Superconductor. Part I. Infrared and RAMAN Scattering Spectra: Librational Mechanism of Superconductivity.**  
*J. Mol. Struct.* **193** (1989.02) 57–72. [DOI] For II. see: *ibid.*, **249**<sub>2–4</sub> (1991) 245–55. [DOI]
43. **K.P. HOFFMANN, H. DRULIS, N.M.Suleimanov**,  
**Electron Paramagnetic Resonance of Yb<sup>3+</sup> and Eu<sup>2+</sup> Ions in Ytterbium Dihydrides.**  
*Z. phys. Chem. NF* **163** (1989) 585–90 [pt II].  
*1st Int.Symp.on Metal-Hydrogen Systems*, STUTTGART, DE, 1988.09 04–09
44. **R. HORYŃ, O.Peña, C.Geantet, M.Sergent**,  
**Kinetics of Destruction of Mo–S Binary Phases and Crystal Growth of Rare-Earth Molybdenum Chalcogenides.**  
*Supercond. Sci. Technol.* **2**<sub>1</sub> (1989) 71–90. [DOI]
45. R.Jakubas, **P.E. TOMASZEWSKI, L.Sobczyk**,  
**Phase Transition in (CH<sub>3</sub>NH<sub>3</sub>)<sub>3</sub>Bi<sub>2</sub>Cl<sub>9</sub>.**  
*phys. stat. sol. (a)* **111**<sub>1</sub> (1989) K27–29. [DOI]
46. **Z. JAWORSKA-GALAS, S. JANIAK, J. WRZYSZCZ**,  
**Zastosowanie włóknistego bemitu do wytwarzania powłok w platynowych katalizatorach do dopalania zanieczyszczeń w gazach.** [Application of Fibrous Boehmite for Production of Coatings in Platinum Catalysts for Combustion of Impurities in Gases.]  
*Przem. Chem.* **68**<sub>9</sub> (1989) 404–6 [in Polish].
47. **Z. JAWORSKA-GALAS, S. JANIAK, M. ZAWADZKI**,  
**Koloidalny włóknisty wodorotlenek glinu.** [Colloidal Fibrous Aluminium Hydroxide].  
*Przem. Chem.* **68**<sub>2</sub> (1989) 59–60 [in Polish].

48. J. Jędrzejewski, J. LACH, R. ŁYŻWA,  
**Ground State Properties of the Spin-less FALICOV–KIMBALL Model: Crystallization and Metal–Insulator Transitions off the Hole–Particle Symmetry Point.**  
*Physica A* **154**<sub>3</sub> (1989) 529–43. [DOI]
49. J. Jędrzejewski, J. LACH, R. ŁYŻWA,  
**Crystallization and Metal–Insulator Transition in an Itinerant Electron System.**  
*Phys. Lett. A* **134**<sub>5</sub> (1989) 319–22. [DOI]
50. B. JEŻOWSKA-TRZEBIATOWSKA, B. NISSEN-SOBOCIŃSKA,  
**Nature of the Hydrogen Bridge in Transition Metal Complexes.  
 IV. Comparison of the Electronic Structure of the Phosphine- and Carbonyl-Molybdenum Dimers with Double Hydrogen Bridge.**  
*J. Organomet. Chem.* **369**<sub>1</sub> (1989) 69–82. [DOI]  
 For III. see: *ibid.*, **342**<sub>3</sub> (1988) 353–71. For V. see: *ibid.*, **376**<sub>1</sub> (1989) 67–90. (Next item)
51. B. JEŻOWSKA-TRZEBIATOWSKA, B. NISSEN-SOBOCIŃSKA, L. Natkaniec,  
**Nature of the Hydrogen Bridge in Transition Metal Complexes.  
 V. Electronic Structure of the Carbonyl Dimers with Mixed Bridges of the Type  
 $[(CO)_4M_L^H M(CO)_4]^n$ .**  
*J. Organomet. Chem.* **376**<sub>1</sub> (1989) 67–90. [DOI]  
 For IV. see: *ibid.*, **369**<sub>1</sub> (1989) 69–82. (Prec. item) For VI. see: *ibid.*, **452**<sub>1</sub> (1993) 277–86.
52. A. JEŻOWSKI,  
**Evidence for Hysteresis Behavior and Anomaly of Thermal Conductivity in Y-Ba-Cu-O Superconductor.**  
*Solid State Commun.* **71**<sub>5</sub> (1989) 419–24. [DOI]
53. A. JEŻOWSKI, J. KLAMUT, R. HORYŃ, K. ROGACKI,  
**Thermal Conductivity of the Y–Ba–Cu–O Tetragonal Structure: Phase Transitions and Hysteretic Behaviour.**  
*Supercond. Sci. Technol.* **1**<sub>6</sub> (1989) 296–301. [DOI]
54. A. JEŻOWSKI, J. KLAMUT, E. TROJNAR,  
**Теплопроводность высокотемпературных сверхпроводников в нормальном состоянии.**  
 [Thermal Conductivity of High- $T_c$  Superconductors in Normal State.]  
*Физ. Низк. Темп.* **15**<sub>10</sub> (1989) 1025–31 [in Russian]. Engl. in: *Sov. J. Low Temp. Phys.* **15**<sub>10</sub> (1989) \*\*\*-\*.
55. A. JEŻOWSKI, J. MUCHA, G. Pompe, K. BARTKOWSKI,  
**Metoda porównawcza pomiaru przewodnictwa cieplnego z wykorzystaniem własności termoelektrycznych  $Bi_2Te_3$ .** [Comparative Method of Thermal Conductivity Measurement Applying Thermoelectric Properties of  $Bi_2Te_3$ .]  
*Chłodnictwo* **24**<sub>7–12</sub> (1989) 24–26 [in Polish].
56. A. JEŻOWSKI, A. J. ZALESKI, H. MISIOREK, E. P. Khlybov, V. V. Evdokimova,  
**Anomalous Behavior of Thermal Conductivity of Tl–Ba–Ca–Cu–O.**  
*Phys. Lett. A* **139**<sub>5/6</sub> (1989) 265–69. [DOI]
57. W. KACZMARCZYK, H. GRABOWSKA, J. WRZYSZCZ,  
**Własności poldispersyjnych nośników glinowych.** [Properties of Polydispersive Aluminium Supports.]  
*Przem. Chem.* **68**<sub>7</sub> (1989) 305–8 [in Polish].
58. D. KACZOROWSKI, R. Duraj, R. TROĆ,  
**Pressure Study of  $UCu_2P_2$ ,  $UCuP_2$  and  $UCuAs_2$  Ferromagnets.**  
*Solid State Commun.* **70**<sub>6</sub> (1989) 619–21. [DOI]

59. **L. KĘPIŃSKI**,  
**Formation of Filamentous Carbon from Acetylene on Pd/SiO<sub>2</sub> Films: Effect of Metal–Support Reaction.**  
*React. Kinet. Catal. Lett.* **38**<sub>2</sub> (1989) 363–67. [\[DOI\]](#)
60. **L. KĘPIŃSKI, M. WOŁCYRZ, J.M. JABŁOŃSKI**,  
**Effect of the High Temperature Reduction on Carburization of Alumina-Supported Palladium: Evidence for Pd–Al Alloy Formation.** [I.]  
*Appl. Catal.* **54**<sub>1</sub> (1989) 267–76. [\[DOI\]](#)  
 For contin. see: *ibid.*, **73**<sub>2</sub> (1991) 173–84 (L.K. & M.W.) [\[DOI\]](#)
61. **Z. KLETOWSKI**,  
**Thermoelectric Power of the REIn<sub>3</sub> Single Crystals where RE = Lu, Ce, Pr, Nd, Sm, Gd, Ho, Tb, Tm and Lu.**  
*Solid State Commun.* **72**<sub>9</sub> (1989) 901–4. [\[DOI\]](#)
62. **G. KONTRYM-SZNAJD**,  
**Linear BRILLOUIN Zone Integrals. Practical Aspects of Linear-Analytic Interpolation Schemes for hcp, Orthorhombic and Simple Cubic Lattice.**  
*Acta Phys. Pol. A* **75**<sub>5</sub> (1989) 581–92.
63. **G. KONTRYM-SZNAJD**,  
**Reconstruction of Densities from a Small Number of Their Projections.**  
*Acta Univ. Wratisl.* Nr 1204 [*Math.Phys.Astr.* Nr 56] (1989) 149–56.  
 20th Polish Semin.on Positron Annihilation, PIECHOWICE, PL, 1988.05 16–21
64. **G. KONTRYM-SZNAJD**,  
**Reconstruction of Densities from Their Projections with Application to 2D ACPAR Data for Mg and Cd.**  
*Acta Univ. Wratisl.* Nr 1204 [*Math.Phys.Astr.* Nr 56] (1989) 157–62.  
 20th Polish Semin.on Positron Annihilation, PIECHOWICE, PL, 1988.05 16–21
65. **G. KONTRYM-SZNAJD**,  
**Reconstruction of Densities from a Small Number of Their Linear Projections. Application to Positron Annihilation Data in Mg.**  
*Solid State Commun.* **70**<sub>11</sub> (1989) 1011–14. [\[DOI\]](#)
66. **G. KONTRYM-SZNAJD, J. MAJSNEROWSKI**,  
**Electron–Positron Pair Momentum Densities in Mg and Cd.**  
*Solid State Commun.* **70**<sub>6</sub> (1989) 593–97. [\[DOI\]](#)
67. **G. KONTRYM-SZNAJD, M. Šob**,  
**Enhancement and De-enhancement Effects in Positron Annihilation in Transition Metals and Their Alloys.**  
*Acta Univ. Wratisl.* Nr 1204 [*Math.Phys.Astr.* Nr 56] (1989) 163–69.  
 20th Polish Semin.on Positron Annihilation, PIECHOWICE, PL, 1988.05 16–21
- **T.K.Kopeć, K.D.Usadel, G.Büttner**,  
**Instabilities in the Quantum SHERRINGTON–KIRKPATRICK ISING Spin Glass in Traverse and Longitudinal Fields.**  
*Phys. Rev. B* **39**<sub>16</sub> (1989) 12 418–21 [pt B]. [\[DOI\]](#)
68. **T.K. KOPEĆ, P. WRÓBEL**,  
**Superconducting Glassy State in the Extended HUBBARD Model with off-Diagonal Disorder.**  
*Int. J. Mod. Phys. B* **3**<sub>12</sub> (1989) 2073–81. [\[DOI\]](#)  
*Adriatico Res.Conf. & Worksh.on Strongly Correlated Electron Systems*, MIRAMARE (Trieste) IT, 1989.06 19 –.07 21

69. **T.K. KOPEĆ, P. WRÓBEL,**  
**Superconducting Glass State in the Random Infinite-Range Interaction. Extended HUBBARD Model.**  
*Physica C* **162–164** (1989.12) 227–28 [pt I]. [\[DOI\]](#)  
 2nd Int. Conf. on Materials & Mechanisms of Superconductivity – High Temperature Superconductors, STANFORD, CA, US, 1989.07 23–28
70. N.Korner, J.Schoenes, **D. KACZOROWSKI,**  
**HALL Effect and Electrical Resistivity of UCuP<sub>2</sub> Single Crystals.**  
*Helv. Phys. Acta* **62**<sub>2/3</sub> (1989) 207–10.  
 Réun.d'automne de la Société Suisse de Physique, LAUSANNE, CH, 1988.10 06–07
71. **D. KUCHARCZYK,**  
**Crystal Structure Analysis in (3+d) Dimensions.**  
*Phase Transit.* **16/17** (1989) 119–23 [pt B]. [\[DOI\]](#)  
 Int. Conf. on Modulated Structures, Polytypes and Quasicrystals (MOSPOQ-88) VARANASI, IN, 1988.12 19–21
72. J.Kuznik, M.Nevriva, **K. ROGACKI,**  
**Critical Current of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Single Crystal at 77 K.**  
*Fiz. Nizk. Temp.* **15**<sub>10</sub> (1989) 1096–99. Also in: *Sov. J. Low Temp. Phys.* **15**<sub>10</sub> (1989) ???–??.
73. **R. LAMBER,** N.Jaeger, G.Schulz-Ekloff,  
**Electron Microscopy and Microdiffraction Study of the Interaction of Pd with SiO<sub>2</sub>.**  
*Stud. Surf. Sci. Catal.* **48** (1989) 559–65. [\[DOI\]](#)  
 Eur. Conf. on Structure & Reactivity of Surfaces, TRIESTE, IT, 1988.09 13–16
74. S.Lányi, **M. WOŁCYRZ,** E.Pincik, V.Nadazdy,  
**Lattice Deformation and Defect Structure of GaAs/Native Oxide Interfaces.**  
*Mater. Sci. Forum* **38-41** (1989) 1451–55 [pt III].  
 15th Int. Conf. on Defects in Semiconductors, BUDAPEST, HU, 1988.08 22–26
75. Ch.Laurent, S.K.Patapis, S.M.Green, H.L.Luo, C.Politis, **K. DURCZEWSKI,** M.Ausloos,  
**Fluctuation Conductivity Effects on Thermoelectric Power of Granular Bi<sub>1.75</sub>Pb<sub>0.25</sub>Ca<sub>2</sub>Sr<sub>2</sub>Cu<sub>3</sub>O<sub>10</sub> Superconductor.**  
*Mod. Phys. Lett. B* **3**<sub>3</sub> (1989) 241–48. [\[DOI\]](#)
76. J.Legendziewicz, E.Huskowska, Gy.Argay, **A. WAŚKOWSKA,**  
**Spectroscopy and Crystal Structure of Ho and Dy Complex Compounds with Glycine: Ln(Gly)<sub>3</sub>(H<sub>2</sub>O)<sub>3</sub>(ClO<sub>4</sub>)<sub>3</sub>.**  
*J. Less-Comm. Met.* **146**<sub>1/2</sub> (1989) 33–47. [\[DOI\]](#)
77. **L. LIPIŃSKI,**  
**Wykorzystanie filtru synchronicznego w układach detekcji zera mostków prądu przemiennego.**  
 [Application of the Synchronous Filter in ac-Bridge Zero-Detecting Circuits.]  
*Pomiary, Autom. Kontr.* **35**<sub>1</sub> (1989) 9–10 [in Polish].
78. **L. LIPIŃSKI, A.SZMYRKA-GRZEBYK,**  
**Optymalizacja kalibracji kriotermometrów węglowych.** [Optimization of Calibrating of Carbon Cryothermometers.]  
*Chłodnictwo* **24**<sub>2/3</sub> (1989) 24–25 [in Polish].
79. M.Manfredi, R.Capelletti, D.Cassi, **R. CYWIŃSKI, H. OPYRCHAŁ,** K.Polák,  
**Impurity Aggregation in Ionic Crystals Studied by Means of Energy Transfer.**  
*Cryst. Latt. Def. Amorph. Mater.* **18**<sub>1-3</sub> (1989) 63–80.  
 11th Int. Conf. on Defects in Insulating Crystals (ICDIC'88) PARMA, IT, 1988.08 29 –.09 02



80. R.Maślanka, **Z. HENKIE**, J.J.M.Franse, R.Verhoef, Cz.Oleksy, J.Przystawa,  
**Magnetic Field Induced Spin Reorientation Transitions in  $U_3Sb_4$** .  
*Physica B* **159**<sub>2</sub> (1989) 181–87. [\[DOI\]](#)  
*Worksh.on X-ray and Neutron Scattering from Magnetic Materials*, ARGONNE, IL, US, 1987.11 06–07
81. **Z.G. MAZURAK**, **E. ŁUKOWIAK**, **B. JEŻOWSKA-TRZEBIATOWSKA**, D.Schultze, Ch.Waligora,  
**Emission Spectra and Luminescence Quenching of  $Pr^{3+}$  in  $LiLa_{1-x}Pr_xP_4O_{12}$  Crystals.**  
*Mater. Sci. (Poland)* **15**<sub>4</sub> (1989) 33–42.
82. J.Misiewicz, Z.Gumienny, **R. CYWIŃSKI**, **E. MUGEŃSKI**,  
**The Luminescence of  $Zn_3P_2$  in the 0.84–1.1  $\mu m$  Wavelength Range.**  
*phys. stat. sol. (a)* **111**<sub>2</sub> (1989) K249–52. [\[DOI\]](#)
83. R.Mostowicz, A.J.Dąbrowski, **J.M. JABŁOŃSKI**,  
**Synthesis and Spectroscopic Studies on  $Co^{2+}$ -Substituted ZSM-5 Zeolites.**  
*Stud. Surf. Sci. Catal.* **49** (1989) 249–59 [pt A]. [\[DOI\]](#)  
*8th Int. Zeolite Conf.*, AMSTERDAM, NL, 1989.07 10–14
84. J.Mróz, H.Pykacz, Z.Czapla, **A. WAŚKOWSKA**,  
**Dielectric, Pyroelectric, X-ray Studies and Phase Transition in  $(NH_4)_6Sb_4(SO_4)_3F_{12}$  Single Crystals.**  
*Ferroelectrics* **91**<sub>1–4</sub> (1989) 379–82. [\[DOI\]](#)  
*1st Eur.Conf.on Applications of Polar Dielectrics and Int.Symp.on Applications of Ferroelectrics (ECAPD-1/ISAF'88)*  
ZÜRICH, CH, 1988.08 29 –.09 01
85. **I. MUGEŃSKA**, **E. MUGEŃSKI**, **R. CYWIŃSKI**,  
**Quantum Efficiency of  $Eu^{2+}$  Photoluminescence in KCl and NaCl Crystals.**  
*Bull. Pol. Ac. Chem.* **37**<sub>3/4</sub> (1989) 163–72.
86. **B. NOWAK**,  
**Phase Relations in the Titanium–Vanadium–Hydrogen System.**  
*Z. phys. Chem. NF* **163** (1989) 87–90 [pt I].  
*1st Int.Symp.on Metal–Hydrogen Systems, Fundamentals and Applications*, STUTTGART, DE, 1988.09 04–09
87. **D. NOWAK-WOŹNY**,  
**Growth of  $Na_2EuCl_4$  Particles Studied by Means of Their Effect upon the Yield Strength of  $NaCl:Eu^{2+}$  Crystals.**  
*Cryst. Res. Technol.* **24**<sub>10</sub> (1989) 979–86. [\[DOI\]](#)
88. **D. NOWAK-WOŹNY**, **M. SUSZYŃSKA**,  
**Europium Precipitates in Monocrystalline NaCl. III. Some Characteristics of the Phases Formed below 373 K and above 473 K.**  
*Bull. Pol. Ac. Chem.* **37**<sub>9–12</sub> (1989) 405–16. For II. see *ibid.*, p. 393 (prec. paper).
89. **H. OPYRCHAŁ**, **B. MACALIK**, **K.D. NIERZEWSKI**,  
**The Coloration Effect in  $KCl:Eu^{2+}$  Crystals  $\gamma$ -Irradiated at 200 K.**  
*Cryst. Res. Technol.* **24**<sub>2</sub> (1989) 175–80. [\[DOI\]](#)
90. **H. OPYRCHAŁ**, **K.D. NIERZEWSKI**, **B. MACALIK**,  
**Low-Temperature  $\gamma$ -Irradiation Effect on  $KCl:Eu^{2+}$  Crystals.**  
*Solid State Commun.* **71**<sub>10</sub> (1989) 783–87. [\[DOI\]](#)
91. M.Pawłowska, **W. STREK**, **P. DEREŃ**,  
**Luminescence Properties of  $KMnCl_3:Eu^{3+}$ .**  
*J. Solid State Chem.* **79**<sub>2</sub> (1989) 282–84. [\[DOI\]](#)



92. M.Pawłowska, **W. STREK**, I.Trabjerg,  
**Temperature Dependence of Luminescence of RbMnCl<sub>3</sub>:Sm<sup>3+</sup> Crystal.**  
*phys. stat. sol. (b)* **154**<sub>1</sub> (1989) K89–92. [\[DOI\]](#)
93. W.Piekarczyk, M.Berkowski, **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**,  
**A New Laser Technology Material.**  
*Pol. Techn. Rev.* Nr 2/3 (\*\*) (1989) 5–7 (182–83).
94. F.Pruchnik, **J. HANUZA**, **K. HERMANOWICZ**, K.Wajda-Hermanowicz, H.Pasternak, M.Zuber,  
**Far Infrared and RAMAN Spectra, Normal Coordinate Analysis and Potential Energy Distribution for the Dimeric Rhodium(II) Complexes with Oxygen and Nitrogen Donor Ligands.**  
*Spectrochim. Acta A* **45**<sub>8</sub> (1989) 835–43. [\[DOI\]](#)
95. S.Quézel, P.Burlet, A.Dinia, J.Rossat-Mignod, **R. HORYŃ**, O.Peña, M.Sergent,  
**Neutron Diffraction Study of the Crystal and Magnetic Structures of <sup>153</sup>EuMo<sub>6</sub>S<sub>8</sub>.**  
*Physica B* **156/157** (1989.01) 780–82. [\[DOI\]](#)  
*4th Int.Conf.on Neutron Scattering*, GRENOBLE, FR, 1988.07 12–15
96. **J. RAFAŁOWICZ**,  
**Niektóre aspekty wykorzystania fizyki niskich temperatur w energetyce.** [Some Aspects of Applying Low Temperature Physics in Power Industry].  
*Chłodnictwo* **24**<sub>1</sub> (1989) 18–21 [in Polish].
97. **A.ROJEK**, K.Fischer, S.Thierfeldt, R.R.Arons, W.Zinn,  
**115 K Superconductivity in Bi-Pb-(Ag,Nb,Sb)-Sr-Ca-Cu-O Systems.**  
*Solid State Commun.* **72**<sub>1</sub> (1989) 113–16. [\[DOI\]](#)
98. **A.RUBASZEK**,  
**On Surface ACAR Spectra Calculated within the Mixed Density Approximation.**  
*J. Phys. Cond. Matt.* **1**<sub>11</sub> (1989) 2141–46. [\[DOI\]](#)
99. **A.RUBASZEK**, **J. LACH**,  
**Isotropic Theoretical Angular Correlation of Annihilation Radiation Spectra for Positron Trapped at an Al Surface.**  
*J. Phys. Cond. Matt.* **1**<sub>46</sub> (1989) 9243–59. [\[DOI\]](#)
100. **A.RUBASZEK**, **J. LACH**,  
**Are the ACAR Spectra for Positrons Trapped at Al Surface Isotropic ?**  
*Surf. Sci.* **211/212** (1989.04) 227–33. [\[DOI\]](#)  
*10th Eur.Conf.on Surface Science*, BOLOGNA, IT, 1988.09 05–08
101. **A.RUBASZEK**, **J. LACH**, A.Brown, A.Walker,  
**Are the ACAR Spectra for Positrons Trapped at Al Surface Isotropic ?**  
*Acta Univ. Wratisl.* Nr 1204 [*Math.Phys.Astr.* Nr 56] (1989) 225–30.  
*20th Polish Semin.on Positron Annihilation*, PIECHOWICE, PL, 1988.05 16–21
102. **A.RUBASZEK**, **H. STACHOWIAK**,  
**Electron–Positron Correlations in Jellium within Self-Consistent KAHANA Approach.**  
*J. Phys. Cond. Matt.* **1** Suppl. A (1989) SA17–20. [\[DOI\]](#)  
*8th Interdiscipl. Surface Science Conf., Worksh.on Positron Annihilation in Condensed Matter*, MUNICH, DE, 1988.08 25–27
103. **W. RYBA-ROMANOWSKI**, **S. GOŁĄB**, **J. HANUZA**, M.Berkowski,  
**Relaxation of the <sup>4</sup>F<sub>3/2</sub> Level of Nd<sup>+3</sup> in BaLa<sub>1-x</sub>Nd<sub>x</sub>Ga<sub>3</sub>O<sub>7</sub>.**  
*J. Phys. Chem. Solids* **50**<sub>7</sub> (1989) 685–92. [\[DOI\]](#)

104. E.Rysiakiewicz-Pasek, **B. MACALIK**, V.Ya.Livshits,  
**Electrical Properties of Alkali Aluminosilicate Glasses.**  
*Proc. SPIE* **1128** (1989) 225–27.  
*Int.Symp.on Glasses for Optoelectronics*, PARIS, FR, 1989.04 24–27
105. J.Schoenes, P.Fumagalli, H.Rüegsegger, **D. KACZOROWSKI**,  
**Optical and Magneto-Optical Spectroscopy in UCuAs<sub>2</sub> and UCu<sub>2</sub>P<sub>2</sub>.**  
*J. Magn. Magn. Mater.* **81**<sub>1/2</sub> (1989) 112–20. [DOI]
106. W.Schäffer, G.Will, J.Gal, **W. SUSKI**,  
**Neutron Diffraction Studies of the Structural and Magnetic Properties of A<sub>n</sub>Fe<sub>4</sub>Al<sub>8</sub> (A<sub>n</sub> = Th, U, Np) Intermetallic Compounds.**  
*J. Less-Comm. Met.* **149**<sub>1/2</sub> (1989) 237–41. [DOI]  
*18th Rare Earth Research Conf.*, LAKE GENEVA, WI, US, 1988.09 12–16
107. M.Ślaski, T.Lægreid, O.-M.Nes, S.Gjølmesli, P.Tuset, K.Fossheim, **Z. BUKOWSKI**,  
**The Effect of Oxygen Stoichiometry on the Superconducting Properties of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Near the Transition Temperature.**  
*Physica C* **162–164** (1989.12) 103–4 [pt I]. [DOI]  
*2nd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors*, STANFORD, CA, US, 1989.07 23–28
108. **H. STACHOWIAK**,  
**New Approach to Electron–Positron Interaction in Jellium.**  
*Acta Univ. Wratisl. Nr 1204 [Math.Phys.Astr. Nr 56]* (1989) 239–44.  
*20th Polish Semin.on Positron Annihilation*, PIECHOWICE, PL, 1988.05 16–21
109. **J. STĘPIEŃ-DAMM**, **T. MORAWSKA-KOWAL**, **Z. DAMM**,  
**Structure and Oxygen-Index Relations in Some Superconducting (RE)Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Compounds.**  
 Part I.  
*Reactiv. Solids* **7**<sub>4</sub> (1989) 325–30. [DOI]
110. **W. STREK**,  
**High Luminescence Yield of Cr(III) in Ionic Crystals.**  
*Mater. Sci. (Poland)* **15**<sub>1</sub> (1989) 77–93.
111. **W. STREK**, M.Malinowski,  
**Stimulated Phonon Emission via Laser-Induced Non-resonant Energy Transfer.**  
*Mater. Sci. (Poland)* **15**<sub>2</sub> (1989) 5–8.
112. **W. STREK**, **J. SZTUCKI**,  
**Radiation-less Transitions in Lanthanide(III) Complexes. Effect of Ligand Anisotropy.**  
*Chem. Phys. Lett.* **158**<sub>3/4</sub> (1989) 301–5. [DOI]
113. **W. STREK**, I.Trabjerg, M.Malinowski,  
**Unusual Optical Behavior of Cr(III) in Yttrium Pentaphosphate Crystal.**  
*Mater. Sci. (Poland)* **15**<sub>4</sub> (1989) 43–48.
114. **W. SUSKI**,  
**f-Electron Systems in High Magnetic Fields.**  
*Physica B* **155**<sub>1-3</sub> (1989) 229–35. [DOI]  
*2nd Int.Symp.on High Field Magnetism*, LEUVEN, BE, 1988.07 20–23
115. **W. SUSKI**, **A.BARAN**, T.Mydlarz,  
**Structure and Magnetic Properties of UFe<sub>10</sub>Si<sub>2</sub> and UFe<sub>10</sub>Mo<sub>2</sub>.**  
*Phys. Lett. A* **136**<sub>1/2</sub> (1989) 89–91. [DOI]

116. A.Szewczyk, **Z. HENKIE**,  
**Domain Structure Observed by Means of the KERR Effect and Oxygen Cryo-condensation Methods in a  $U_3P_4$  Crystal.**  
*J. Magn. Magn. Mater.* **81**<sub>3</sub> (1989) 277–88. [\[DOI\]](#)
117. **A.SZMYRKA-GRZEBYK**,  
**Reproducibility of Industrial-Grade Platinum Resistance Thermometers Type OPT 11.** [Note]  
*Cryogenics* **29**<sub>7</sub> (1989) 761–62. [\[DOI\]](#)
118. **P.E. TOMASZEWSKI**,  
**Comment on the Paper** “On the effect of doping on the mechanism of phase transition of some inorganic compounds” by Y.A. Badr, S.B. El-Giziri, and T.M. Hammad. [*phys.stat.sol.(a)* **100** (1987) 467.]  
*phys. stat. sol. (a)* **112**<sub>1</sub> (1989) K13–14. [\[DOI\]](#)
119. **R. TROĆ, J. KLAMUT, Z. BUKOWSKI, R. HORYŃ, J. STĘPIEŃ-DAMM**,  
**On the Magnetic Ordering in the  $R_2Cu_2O_5$  Systems.**  
*Physica B* **154**<sub>2</sub> (1989) 189–96. [\[DOI\]](#)
120. **S. TROJANOWSKI**,  
**Wewnętrzne termostatowanie układu scalonego UL 1111.** [Internal Thermostating of UL 1111 Integrated Circuit.]  
*Pomiary, Autom. Kontr.* **35**<sub>3</sub> (1989) 54–55 [in Polish].
121. **J. ULNER**,  
**Remarks on the Theory of Slightly Deformed Thin Ferromagnetic Plates.**  
*phys. stat. sol. (b)* **151**<sub>1</sub> (1989) K181–86. [\[DOI\]](#)
122. **J. ULNER, K. DURCZEWSKI**,  
**Lattice Distortion-Induced Quadrupolar Interactions, Phases, and Excitations in  $J = 1$  Tetragonal Paramagnets.**  
*phys. stat. sol. (b)* **153**<sub>1</sub> (1989) 331–42. [\[DOI\]](#)
123. **A.WAŚKOWSKA, Z.Czapla**,  
**X-ray Studies of Thermal Expansion and Phase Transitions in  $(NH_4)_2SbF_5$  Crystals.**  
*Cryst. Res. Technol.* **24**<sub>12</sub> (1989) 1259–63. [\[DOI\]](#)
124. Z.Wokulski, **C. SUŁKOWSKI**,  
**Electrical Properties and Superconductivity of  $TiN_{1-x}C_x$  Films.**  
*phys. stat. sol. (a)* **114**<sub>1</sub> (1989) K53–56. [\[DOI\]](#)
125. **M. WOŁCYRZ, R. ANDRUSZKIEWICZ, K. ŁUKASZEWICZ**,  
**Structure of  $Mo_8Ga_{41}S$ .**  
*Acta Cryst. C* **45**<sub>7</sub> (1989) 991–93. [\[DOI\]](#)
126. **P. WRÓBEL**,  
**Interplay of Superconductivity and Antiferromagnetism in the HUBBARD Model: A Functional-Integral Study of the Slave-Boson Formulation.**  
*Physica C* **162–164** (1989.12) 1501–2 [pt II]. [\[DOI\]](#)  
*2nd Int. Conf. on Materials & Mechanisms of Superconductivity – High Temperature Superconductors (M<sup>2</sup>S-HTS-II)*  
 STANFORD, CA, US, 1989.07 23–28
127. **P. WRÓBEL**,  
**Coexistence of Superconductivity and Antiferromagnetism in the Two-Dimensional Extended HUBBARD Model with Inter-Site Attraction.**  
*phys. stat. sol. (b)* **153**<sub>2</sub> (1989) K177–81. [\[DOI\]](#)

128. **P. WRÓBEL**, L.Jacak,  
**Coexistence of Superconductivity and Antiferromagnetism in the HUBBARD Model:  
 A Phase Diagram for Finite Temperature.**  
*Physica C* **157**<sub>2</sub> (1989) 221–27. [DOI]
129. **P. WRÓBEL**, **T.K. KOPEĆ**,  
**On Antiferromagnetic Instability in the HUBBARD Model.**  
*Int. J. Mod. Phys. B* **3**<sub>11</sub> (1989) 1681–90. [DOI]
130. **P. WRÓBEL**, **T.K. KOPEĆ**,  
**Antiferromagnetic Ordering in the HUBBARD Model: Slave Boson Approach.  
 Path Integral Formulation.**  
*Int. J. Mod. Phys. B* **3**<sub>12</sub> (1989) 2119–28. [DOI]  
*Adriatico Res.Conf.& Worksh.on Strongly Correlated Electron Systems*, MIRAMARE (Trieste) IT, 1989.06 19 –.07 21
131. **W. ZACHARKO**,  
**Angular and Temperature Dependence of the Upper Critical Field in InSn<sub>4</sub> Superconductor  
 with Uniaxial Symmetry.**  
*Acta Phys. Pol. A* **75**<sub>3</sub> (1989) 407–13.
132. **O.J. ŻOGAŁ**,  
**Numerical Evaluation of Second and Fourth Moments and Shapes of <sup>1</sup>H NMR Lines for Cerium  
 Single Crystal Hydrides.**  
*Z. phys. Chem. NF* **163** (1989) 297–302 [pt I].  
*1st Int.Symp.on Metal-Hydrogen Systems, Fundamentals and Applications*, STUTTGART, DE, 1988.09 04–09
133. **O.J. ŻOGAŁ**, **M. DRULIS**, S.Idziak,  
**<sup>1</sup>H NMR Study of SmH<sub>2</sub>–SmH<sub>3</sub> System.**  
*Z. phys. Chem. NF* **163** (1989) 303–8 [pt I].  
*1st Int.Symp.on Metal-Hydrogen Systems, Fundamentals and Applications*, STUTTGART, DE, 1988.09 04–09
134. F.J.Zúñiga, G.Madariaga, **W.A. PACIOREK**, J.M.Pérez-Mato, J.M.Ezpeleta, I.Etxebarria,  
**Modulated Structure of Thiourea.**  
*Acta Cryst. B* **45**<sub>6</sub> (1989) 566–76. [DOI]

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH  
 PUBLICATIONS IN CONFERENCE MATERIALS

135. **S. DANIUK**, **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**, M.Šob, **H. STACHOWIAK**,  
**Momentum Dependence of Ionic Core Enhancement Factors.**  
 In: *Electronic Structure of Solids. 19.* ed. by P.Ziesche (Dresden: Technische Universität 1989)  
 pp. 235–37.  
*19th Ann.Int.Symp.on Electronic Structure of Solids*, HOLZHAU, DD, 1989.04 09–13
136. **S. DANIUK**, **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**, **H. STACHOWIAK**,  
**Electron-Positron Interaction in d-Electron Metals.**  
 In: *Physics of Transition Metals*, ed. by V.G.Bar'yakhtar (Kiev: Naukova Dumka 1989) Pt 2, pp. 80–84.  
*Int.Conf.on Physics of Transition Metals*, KIEV, UkrSSR, SU, 1988.05 31 –.06 03
137. В.М.Дмитриев, Д.А.Дикин, Г.Е.Чурилов, Л.А.Коток, В.П.Семиноженко, **A. JEŻOWSKI**,  
**A. ZALESKI**, **J. KLAMUT**, **J. MARKOWSKI**, **K. ROGACKI**, **C. SUŁKOWSKI**, **Z. HENKIE**,  
**M. CISZEK**,  
**Сверхпроводимость и магнетизм соединения GdBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub>. [Superconductivity and Magnetism  
 in GdBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Compound.]**  
 In: *Матер. I. Всесоюзн. Совец. «Высокотемпературная сверхпроводимость»* (Москва 1989)  
 том 2, стр. 64–65 [in Russian].  
*1st All-Union Conf.on High-T<sub>c</sub> Superconductivity*, KHAR'KOV, UkrSSR, SU, 1988.12 20-23

138. **J. GONDZIK, H. STACHOWIAK,**  
**Application of the Theory of Liquids to  $e^+e^-$  Interaction in Jellium.**  
 In: *Positron Annihilation. 8*, ed. by L.Dorikens-Vanpraet, M.Dorikens, & D.Segers (Singapore: World Sci 1989) pp. 284–85.  
*8th Int.Conf.on Positron Annihilation*, GENT, BE, 1988.08 29 –.09 03
139. **J. HANUZA, K. HERMANOWICZ, B. JEŻOWSKA-TRZEBIATOWSKA, W. STRĘK, S.P.Feofilov, A.A.Chernyshov,**  
**The Luminescence and Electron Absorption Properties of  $\text{Cr}(\text{CN})_6^{3-}$  Ion Embedded in NaCl, KCl, RbCl, CsCl and KBr Hosts.**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 145–60.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25
140. **T.K. KOPEĆ,**  
**Real-Time Functional Integral Approach to the Quantum Disordered Spin Systems.**  
 In: *Path Integrals from meV to MeV. 3*, ed. by V.Sa-yakanit *et al.* (Singapore: World Sci 1989) pp. 87–96.  
*3rd Int.Conf.on Path Integrals from meV to MeV*, BANGKOK, TH, 1989.01 09–13
141. J.Legendziewicz, **W. STRĘK, E.Huskowska, T.Kim Anh, C. SZAFRAŃSKI,**  
**Chirality Effect on Energy Transfer from Tb(III) to Eu(III) in Aminoacid Monocrystals.**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 258–68.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25
142. **Z.G. MAZURAK, M.B.Czaja, J. HANUZA, B. JEŻOWSKA-TRZEBIATOWSKA,**  
**The Spectroscopy of  $\text{Cr}^{3+}$ -Doped Natural Garnets and Emerald as well as Synthetic Alexandrite and Corundum.**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 331–43.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25
143. **A. RUBASZEK, J. LACH,**  
**Electronic Properties of Al Surface by Positron Annihilation Characteristics.**  
 In: *Electronic Structure of Solids. 19*, ed. by P.Ziesche (Dresden: Technische Universität 1989) pp. 90–93.  
*19th Ann.Int.Symp.on Electronic Structure of Solids*, HOLZHAU, DD, 1989.04 09–13
144. **W. RYBA-ROMANOWSKI, S. GOŁĄB, B. JEŻOWSKA-TRZEBIATOWSKA, W.Piekarczyk, M.Berkowski,**  
**Luminescence of  $\text{BaLa}_{1-x}\text{Nd}_x\text{Ga}_3\text{O}_7$ .**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 466–71.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25
145. **W. STRĘK, P. DEREŃ, B. JEŻOWSKA-TRZEBIATOWSKA,**  
**The  $\text{Co}^{2+}$ -Doped  $\text{MgAl}_2\text{O}_4$  Spinel: Potential Candidate for Tunable Solid State Lasers.**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 490–95.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25
146. **W. STRĘK, J. SZTUCKI, B. JEŻOWSKA-TRZEBIATOWSKA,**  
**Radiationless and Vibronic Transitions in Metal Complexes.**  
 In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 478–89.  
*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25

147. **J. SZTUCKI, W. STRĘK,**

**Chiral Effect of Energy Transfer between Metal Complexes.**

In: *Excited States of Transition Elements*, ed. by B.JEŻOWSKA-TRZEBIATOWSKA, J.Legendziewicz & W.STRĘK (Singapore: World Sci 1989) pp. 528–34.

*1st Int.Sch.on Excited States of Transition Elements*, KSIAŻ Castle, PL, 1988.06 20–25

148. **O.J. ŻOGAŁ,** J.Kowalewski,

**Calculation of Theoretical NMR Fourth Moments in Dipolar Solids.**

In: *Magnetic Resonance and Related Phenomena (24. Congr. Ampère)* ed. by J.Stankowski *et al.* (Amsterdam & Poznań: Elsevier, etc. 1989) pp. 801–4.

*24th Congr.Ampère on Magnetic Resonance & Related Phenomena*, POZNAŃ, PL, 1988.08 29 –.09 03

---

LISTA PREZENTACJI KONFERENCYJNYCH  
LIST OF CONFERENCE PRESENTATIONS

1. **A. BARAN**, M.Łukasiak, **W. SUSKI**, J.Suwalski, H.Figiel, J.Opiła, K.Turek, T.Mydlarz,  
**Search for New Magnetic Materials Based on Uranium and Iron.** (P)  
*3rd Eur. Magnetic Materials & Applications Conf.* RIMINI, IT, 1989.09 06–09
2. S.A.Basun, **P. DEREŃ**, S.P.Feofilov, A.A.Kaplyanskiĭ, **W. STRĘK**,  
**Optical Detection of Terahertz Phonon Dynamics in Disordered Doped Insulator Systems Using New FLN-Based Technique.** (P)  
*7th Int.Conf.on Dynamical Processes in Excited States of Solids*, ATHENS, GA, US, 1989.08 30 –.09 02
3. R.A.Brand, P.Sen, Ch.Saur, J.P.Sachez, **A. ROJEK**, W.Zinn,  
**Bi, Sn and Sb Valence States in High- $T_c$  (Bi, Pb/Sn, Sb) $_2$ Sr $_2$ Ca $_2$ Cu $_2$ O $_8$ .** (P)  
*Int.Conf.on the Applications of Mössbauer Effect*, BUDAPEST, HU, 1989.09 04–08
4. S.Bratos, **H. RATAJCZAK**, P.Viot,  
**Properties of H-Bonding in the Infrared Spectral Range.** (L)  
*NATO Advanced Study Institute on Hydrogen-bonded Liquids*, CARGÈSE (Corsica) FR, 1989.04 03–15
5. A.Budkowski, A.Prodan, **D. KUCHARCZYK**, F.W.Boswell, V.Marinković,  
**A Superspace Group Description of the Commensurately Modulated Structure of TaTe $_4$ .** (P)  
*12th Eur. Crystallographic Meet. (ECM-12)* MOSCOW, SU, 1989.08 21–27
6. **R. CYWIŃSKI**, **E. MUGEŃSKI**,  
**Eu $^{2+}$  – Mg $^{2+}$  Energy Transfer in Doubly-Doped NaCl and KCl Crystals.** (P)  
*Int.Symp.on Physics of Optical Crystals*, BUDAPEST, HU, 1989.10 10–12
7. **S. DANIUK**,  
**Local-Density Study of the Electron–Positron Interaction in Transition Metals** (C)  
*19th Ann.Int.Symp.on Electronic Structure of Solids*, HOLZHAU, DD, 1989.04 09–13
8. **S. DANIUK**, **G. KONTRYM-SZNAJD**, **J. MAJSNEROWSKI**, M.Šob, **H. STACHOWIAK**,  
**Momentum Dependence of Ionic Core Enhancement Factors.** (C)  
*19th Ann.Int.Symp.on Electronic Structure of Solids*, HOLZHAU, DD, 1989.04 09–13
9. K.Fischer, **A. ROJEK**, S.Thierfeldt, H.Lippert,  
**Tracking and Formation of 2223 BiSrCaCu Oxygen Compounds by Resistivity and Susceptibility Measurements Reaching  $T_c(0) = 115$  K.** (P)  
*1st Soviet–West-German Symp.on High Temperature Superconductivity*, KHAR'KOV, UA, SU, 1989.10 09–12
10. **Z. GAJEK**, **J. MULAK**,  
**Angular Overlap Model Interpretation of Inelastic Neutron Scattering Transitions for UX $_3$  (X = Cl, Br, I).** (C)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
11. **Z. GAJEK**, **J. MULAK**,  
**Angular Overlap Model Interpretation of Inelastic Neutron Scattering Transitions for UX $_3$  (X = Cl, Br, I).** (P)  
*Int.Conf. Actinides '89*, TASHKENT, SU, 1989.09 24–29
12. **E. GALDECKA**,  
**Accuracy of Single-Crystal Methods of Lattice Parameters Determination.** (P)  
*12th Eur. Crystallographic Meet. (ECM-12)* MOSCOW, SU, 1989.08 21–27



13. C.Geantet, **R. HORYŃ**, J.Padiou, O.Peña, M.Sergent,  
**Single Crystal Studies of  $REMo_6S_8$  ( $RE = Er, Lu$ ).** (P)  
*Int.Conf.on Physics of Highly Correlated Electron Systems*, SANTA FÉ, NM, US, 1989.09 11–15
14. C.Geibel, U.Ahlheim, A.L.Giorgi, G.Sparn, H.Spille, F.Steglich, **W. SUSKI**,  
**Formation of a Heavy Fermion Phase in  $UCu_{4+x}Al_{8-x}$  by Variation of Stoichiometry.** (P)  
*Int.Conf.on Physics of Highly Correlated Electron Systems*, SANTA FÉ, NM, US, 1989.09 11–15
15. **J. HANUZA**,  
**Phonon Properties of the High-Temperature  $RBa_2Cu_3O_{7-x}$  Superconductors on the Example of  $R = Y$  and Gd.** (I)  
*VIII Symp.: „Przejścia fazowe i zjawiska krytyczne” [8th Symp.on Phase Transitions & Critical Phenomena]* PIECHOWICE, PL, 1989.04 24–27
16. **J. HANUZA, J. KLAMUT, A.J. ZALESKI, M. CISZEK, J. OLEJNICZAK, J. STĘPIEŃ-DAMM**,  
**Phonon Properties of the  $GdBa_2Cu_3O_{6.8-7.0}$  Superconductor at Temperatures above and below  $T_c$ .** (P)  
*Kraj.Semin.nt. Natury i Własności Nadprzewodników Wysokotemperaturowych [Natl.Semin.on Nature and Properties of High-Temperature Superconductors]* WROCŁAW, PL, 1989.06 08–11
17. **Z. HENKIE**,  
**Efekty termoelektryczne w stanie nadprzewodzącym.** [Thermoelectric Effect in Superconducting State.] (I)  
*VIII Symp.: „Przejścia fazowe i zjawiska krytyczne” [8th Symp.on Phase Transitions & Critical Phenomena]* PIECHOWICE, PL, 1989.04 24–27
18. **R. HORYŃ, I. FIŁATOW, J. ZIAJA, M. WOŁCYRZ, A.J. ZALESKI, J. OLEJNICZAK, P.W. KLAMUT, I. BENZAR**,  
**Crystallochemical Features of Superconducting Bismuth Cuprates.** (?)  
*Межд.Конф.по Химии и Технике Сверхпроводящих Материалов [Int.Conf.on Chemistry & Technology of Superconducting Materials]* MOSCOW, SU, 1989.10 18–21
19. **J. JANCZAK, R. KUBIAK, T.Głowiak**,  
**Reactions of  $YBa_2Cu_3O_{7-x}$  and  $GdBa_2Cu_3O_{7-x}$  with  $Bi_2O_3$ .** (P)  
*12th Eur. Crystallographic Meet.*, MOSCOW, SU, 1989.08 21–27
20. **W. JASZCZUK, J.Flokstra**,  
**Combined Research Program on SQUID Magnetometry between the Institute for Low Temperature and Structure Research and the University of Twente.** (P)  
*Int.Symp.on Weak Superconductivity*, SMOLENICE, CS, 1989.05 29 –.06 02
21. **B. JEŻOWSKA-TRZEBIATOWSKA, B. NISSEN-SOBOCIŃSKA**,  
**Charakter wiązania wodorowego między atomami metali przejściowych.** [Character of Hydrogen Bond between Transition Metal Atoms.] (P)  
*V Советско-Польский Симп.по водородовой связи [5th Soviet-Polish Symp.on Hydrogen Bond]* CHERNOVTSY, UA, SU, 1989.04 16–22
22. **D. KACZOROWSKI**,  
**New Ternary Uranium-Transition Metal Pnictides of the  $UMX_2$ - and  $UM_2X_2$ -Type.** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
23. **D. KACZOROWSKI, R. TRÓC**,  
**Structural Magnetic and Transport Properties of Ternary U-(Cu,Ni,Pd)-(P,As) Phases.** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
24. **D. KACZOROWSKI, Z. ŻOŁNIEREK**,  
**Ternary Uranium Stannides of the  $UM_2Sn_2$ -Type.** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31

25. **J. KALECIŃSKI, G. CHLEBOSZ,**  
**Temperaturowy zanik elektronów pułapkowanych w szklkach wodno–alkoholowych.**  
 [Temperature-Induced Decay of Electron Traps in Water–Alcohol Glasses.] (C)  
*VII Zjazd Polskiego Towarzystwa Badań Radiacyjnych [7th Meet. of the Polish Society for Radiative Investigations]* POZNAŃ, PL, 1989.03 29–31
26. **J. KALECIŃSKI, A.E. Grigorev,**  
**Jono-rodniki i pułapkowane elektrony w wodnych, zamrożonych szklkach chlorkowych.**  
 [Ion-Radicals and Scavenged Electrons in Frozen Aqueous Chloride Glasses.] (C)  
*VII Zjazd Polskiego Towarzystwa Badań Radiacyjnych [7th Meet. of the Polish Society for Radiative Investigations]* POZNAŃ, PL, 1989.03 29–31
27. **J. KLAMUT,**  
**Structural Phase Transition in High- $T_c$  Superconductors.** (P)  
*16th Semin. of the Middle-European Cooperation in Statistical Physics (MECO-16)* SIENA, IT, 1989.04 04–06
28. **T.K. KOPEĆ,**  
**Real-Time Functional Integral Approach to the Quantum Disordered Spin Systems.** (C)  
*3rd Int. Conf. on Path Integrals: from meV to MeV,* BANGKOK, TH, 1989.01 09–13
29. **T. KOPEĆ,**  
**Superconducting Glass Phase in the Random HUBBARD Model.** (P)  
*Adriatico Res. Conf., MIRAMARE (Trieste) IT,* 1989.06 19 –.07 23
30. **T. KOPEĆ,**  
**Application of Thermal Field Dynamics to the Quantum Spin Glasses.** (C)  
*Adriatico Res. Conf., MIRAMARE (Trieste) IT,* 1989.06 19 –.07 23
31. **T.K. KOPEĆ, P. WRÓBEL,**  
**Superconducting Glassy State in the Extended HUBBARD Model with off-Diagonal Disorder.** (P)  
*Adriatico Res. Conf. & Worksh. on Strongly Correlated Electron Systems,* MIRAMARE (Trieste) IT, 1989.06 19 –.07 21
32. **T.K. KOPEĆ, P. WRÓBEL,**  
**Superconducting Glass State in the Random Infinite-Range Interaction. Extended HUBBARD Model.** (P)  
*Int. Conf. on Materials & Mechanisms of Superconductivity – High Temperature Superconductors II,* STANFORD, CA, US, 1989.07 23–28
33. **R. KUBIAK, D. KUCHARCZYK, M. WOŁCYRZ,**  
**Coexistence of Microtwinning and Superlattice in  $\text{AuCu}^{\text{II}}$ .** (P)  
*12th Eur. Crystallographic Meet.,* MOSCOW, SU, 1989.08 21–27
34. **D. KUCHARCZYK, A. Budkowski, F.W. Boswell, V. Marinkovic, A. Prodan,**  
**(3+1)D Refinement of the Modulated Structure of  $\text{Ta}_{0.72}\text{Nb}_{0.28}\text{Te}_4$ .** (P)  
*12th Eur. Crystallographic Meet.,* MOSCOW, SU, 1989.08 21–27
35. **R. ŁYŻWA,**  
**Mixed Valence in the Spinless FALICOV–KIMBALL Model.** (P)  
*19èmes Journées des Actinides,* MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
36. **G. Madariaga, F.J. Zúñiga, W.A. PACIOREK, J.M. Pérez-Mato, J.M. Ezpelita, I. Etxebarria,**  
**A New X-ray Determination of the Modulated Structure of Tiourea.** (P)  
*7th Int. Meet. on Ferroelectricity (IMF-7)* SAARBRÜCKEN, DE, 1989.08 28 –.09 01

37. **M. MALINOWSKI**,  
**A High-Pressure Single Crystal X-ray Diffraction Study of Copper Oxide Using Synchrotron Radiation.** (P)  
*Int.Conf.on High Pressure Science and Technology*, PADERBORN, DE, 1989.07 18–21
38. R. Mostowicz, A.J. Dąbrowski, **J.M. JABŁOŃSKI**,  
**Synthesis and Spectroscopic Studies of Co<sup>2+</sup>-Substituted ZSM-5 Zeolites.** (P)  
*8th Int. Zeolite Conf.*, AMSTERDAM, NL, 1989.07 10–14
39. T. Paszkiewicz, **M. WILCZYŃSKI**,  
**Elastic Scattering of Phonons on Point Mass Defects: Spectrum of Collision Integral for Long-Wave Acoustic Phonons in Transversely Isotropic Media.** (P)  
*Proc.3rd Int.Conf.on Phonon Physics & 6th Int.Conf.on Phonon Scattering in Condensed Matter*, HEIDELBERG, DE, 1989.08 21–25
40. **A. PIETRASZKO**,  
**The Phase Transitions in Rb<sub>4</sub>LiH<sub>3</sub>(SO<sub>4</sub>)<sub>4</sub> and Rb<sub>4</sub>LiH<sub>3</sub>(SeO<sub>4</sub>)<sub>4</sub>.** (P)  
*12th Eur. Crystallographic Meet. (ECM-12)* MOSCOW, SU, 1989.08 21–27
41. **A. PIETRASZKO**,  
**Domain Structure in Modulated Structure of RbLiSO<sub>4</sub>.** (P)  
*Int.Symp.on Domain Structure of Ferroelectrics and Related Materials*, VOLGOGRAD, RF, SU, 1989.09 03–11
42. **D. POTOCZNA-PETRU**,  
**The Interaction of Model Cobalt Catalysts with Carbon.** (P)  
*13th Int.Sem.on Surface Physics*, PIECHOWICE, PL, 1989.05 22–27
43. M. Quilichini, F. Ganot, C. Dugautier, **P.E. TOMASZEWSKI**,  
**BRILLOUIN Scattering Investigation of the Low-Temperature Phase Transition in K<sub>2</sub>ZnCl<sub>4</sub> and Rb<sub>2</sub>ZnCl<sub>4</sub>.** (P)  
*7th Int.Meet.on Ferroelectricity (IMF-7)* SAARBRÜCKEN, DE, 1989.08 28 –.09 02
44. **K. ROGACKI**,  
**Transport Properties of REYBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Superconductors versus Oxygen Content.** (P)  
*Int.Conf.on Oxygen Disorder Effects in High-T<sub>c</sub> Superconductors*, TRIESTE, IT, 1989.04 18–21
45. **K. ROGACKI, CZ.SUŁKOWSKI, T. PLACKOWSKI, Z. BUKOWSKI, R. HORYŃ, E. TROJNAR**,  
**Instability of Superconducting ErBa<sub>2</sub>Cu<sub>3</sub>O<sub>6+y</sub> Due to the Heat Treatment at 150°C.** (C)  
*118th The Minerals, Metals & Materials Society (TMS) Ann.Meet.* LAS VEGAS, NV, US, 1989.02 27 –.03 02
46. **K. ROGACKI, C. SUŁKOWSKI, E. TROJNAR**,  
**Relation between Superconductivity and Transport Properties of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-y</sub>.** (C)  
*118th The Minerals, Metals & Materials Society (TMS) Ann.Meet.* LAS VEGAS, NV, US, 1989.02 27 –.03 02
47. **A. RUBASZEK, J. LACH**,  
**Electronic Properties of Al Surface by Positron Annihilation Characteristics.** (C)  
*19th Ann.Int.Symp.on Electronic Structure of Solids*, HOLZHAU, DD, 1989.04 09–13
48. E. Rysiakiewicz-Pasek, **B. MACALIK, V.Ya.Livshits**,  
**Electrical Properties of Alkali Aluminosilicate Glasses.** (C)  
*Int.Symp.on Glasses for Optoelectronics*, PARIS, FR, 1989.04 24–27
49. J. Schoenes, N. Korner, **D. KACZOROWSKI**,  
**HALL Effect and High Temperature Resistivity Measurements in UCuP<sub>2</sub> and UCu<sub>2</sub>P<sub>2</sub> Single Crystals.** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31

50. M.Ślaski, T.Læg Reid, O.-M.Nes, S.Gjø lmesli, P.Tuset, K.Fossheim, **Z. BUKOWSKI**,  
**The Effect of Oxygen Stoichiometry on the Superconducting Properties of  $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$  Near the Transition Temperature.** (P)  
*2nd Int.Conf.on Materials & Mechanisms of Superconductivity – High Temperature Superconductors*, STANFORD, CA, US, 1989.07 23–28
51. **I. SOKÓLSKA, E. MUGEŃSKI**,  
**Quantum Efficiency of  $\text{Mn}^{2+}$  Photoluminescence in  $\text{KCl:Eu}^{2+}, \text{Mn}^{2+}$  and  $\text{NaCl:Eu}^{2+}, \text{Mn}^{2+}$  Crystals.** (P)  
*Int.Symp.on Physics of Optical Crystals*, BUDAPEST, HU, 1989.10 10–12
52. **J. STĘPIEŃ-DAMM, A. ZYGMUNT, K. ŁUKASZEWICZ**,  
**The Intergrowth of Incommensurate Crystal Structure of  $(\text{Ca}, \text{Cr})_2\text{Cu}_2\text{O}_3\text{1.4CuO}_2$ .** (P)  
*12th Eur. Crystallographic Meet. (ECM-12)* MOSCOW, SU, 1989.08 21–27
53. **W. STRĘK**,  
**Unusual Properties of  $\text{Cr}^{3+}$  in  $\text{YP}_5\text{O}_{14}$ .** (P)  
*7th Int.Conf.on Dynamical Processes in Excited States of Solids*, ATHENS, GA, US, 1989.08 30 –.09 02
54. **B. SUJAK-CYRUL, T. TYC**,  
**Propagation of Nonequilibrium Phonons in Quartz.** (P)  
*Proc.3d Int.Conf.on Phonon Physics & 6th Int.Conf.on Phonon Scattering in Condensed Matter*, HEIDELBERG, DE, 1989.08 21–25
55. **C. SUŁKOWSKI, K. ROGACKI**, T.Mydlarz, W.Sadowski,  
**Magnetization and Thermopower Anisotropy of  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$  Large Single Crystals.** (P)  
*Eur.Conf.on High- $T_c$  Thin Films and Single Crystals*, USTRON, PL, 1989.09 30 –.10 04
56. **W. SUSKI, A. BARAN**, T.Mydlarz, H.Figiel, J.Opiła, K.Turek,  
**Search for the Uranium Compounds with High CURIE Point.** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
57. **M. SUSZYŃSKA**,  
**Strengthening Phenomena in Alkali Halides Doped with Divalent Cations.** (P)  
*Int.Symp.on Physics of Optical Crystals*, BUDAPEST, HU, 1989.10 10–12
58. **M. SUSZYŃSKA, D. NOWAK-WOŹNY**,  
**Mechanical and Structural Characteristics of Europium Precipitates in Monocrystalline NaCl.** (P)  
*Int.Symp.on Electron Microscopy in Plasticity and Fracture Research of Materials*, HOLZHAU (Dresden) DD, 1989.10 08–13
59. **J. SZNAJD**,  
**Phase Transitions in 2D Quantum Systems: RSRG Approach.** (P)  
*16th Semin.of the Middle-European Cooperation in Statistical Physics (MECO-16)* SIENA, IT, 1989.04 04–06
60. K.Tomala, J.P.Sanchez, **W. IWASIECZKO, H. DRULIS**,  
<sup>170</sup>**Yb MÖSSBAUER Study of Non-Stoichiometric  $\text{YbH}_{2+x}$ .** (P)  
*Int.Conf.on the Applications of Mössbauer Effect*, BUDAPEST, HU, 1989.09 04–08
61. **P.E. TOMASZEWSKI, K. ŁUKASZEWICZ**,  
**Data-Bank of Structural Phase Transitions in Crystals.** (P)  
*12th Eur. Crystallographic Meet. (ECM '89)* MOSCOW, SU, 1989.08 21–27
62. **V.H. TRAN, R. TROĆ**,  
**Spin-Glass Behavior of  $\text{UCuSi}$  and  $\text{UCuGe}$ .** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31

63. **R. TROĆ**,  
**Co nowego w układach ciężkofermionowych?** [What Is New in Heavy-Fermion Systems?] (P)  
*Kraj.Symp.nt. Anomalnych własności układów f-elektronowych [Natl Symp.on Anomalous Properties of f-Electron Systems]* ZAKOPANE, PL, 1989.10 04–08
64. **R. TROĆ, V.H. TRAN, V.Sechovsky, L.Havela, A.V.Andreev**,  
**The Magnetic Transitions in the Actinide–Transition Metal–Metalloid Ternaries.** (L)  
*Int.Conf. Actinides '89*, TASHKENT, SU, 1989.09 24–29
65. **R. TROĆ, V.H. TRAN, Z. ŻOŁNIEREK**,  
**Magnetic and Transport Properties of the Phases  $UT_{5-x}M_x$ , where  $T = \text{Ni, Cu, Pt}$  and  $M = \text{Pd, Au, or Al, Be}$ .** (P)  
*19èmes Journées des Actinides*, MADONNA DI CAMPIGLIO (Trente), IT, 1989.03 29–31
66. **R. TROĆ, V.H. TRAN, Z. ŻOŁNIEREK**,  
**Magnetic and Transport Properties of the Phases  $UT_{5-x}M_5$ , where  $T = \text{Ni, Cu, Pt}$  and  $M = \text{Pd, Au or Al, Be}$ .** (P)  
*Int.Conf. Actinides '89*, TASHKENT, SU, 1989.09 24–29
67. H.van Kempen, **J.J. WNUK**, P.J.M.van Bentum, H.F.C.Hoever, L.E.C.van de Leemput, L.W.M.Schreurs, R.T.M.Smokers,  
**The Energy Gap of High  $T_c$  Superconductors.** (P)  
*Eur.Conf.on High- $T_c$  Thin Films and Single Crystals*, USTROŃ, PL, 1989.09 30 –.10 04
68. YaoShui Wang, P.Bennema, L.W.M.Schreurs, P.J.M.van Bentum, H.van Kampen, L.E.C.van de Leemput, **J. WNUK**, P.van der Linden,  
**Seeded Growth, Morphology and Surface Topology of Superconducting Bi-Sr-Ca-Cu-O Single Crystals.** (P)  
*9th Int.Conf.on Crystal Growth*, SENDAI, JP, 1989.08 22–25
69. **P. WRÓBEL**,  
**Interplay of Superconductivity and Antiferromagnetism in the HUBBARD Model: A Functional-Integral Study of the Slave-Boson Formulation.** (P)  
*Int.Conf.on Materials & Mechanisms of Superconductivity — High Temperature Superconductors II*, STANFORD, CA, US, 1989.07 23–28
70. **P. WRÓBEL**,  
**Coexistence of Superconductivity and Magnetism in HUBBARD Model.** (P)  
*Int.Semin.on Theory of High-Temperature Superconductivity*, LEIPZIG, DD, 1989.05 07–12
71. **P. WRÓBEL**,  
**Superconducting and Antiferromagnetic Instabilities in the Slave Boson Approach to the HUBBARD Model: Functional Integral Formulation.** (P)  
*NATO Adv.Study Inst.on Physics and Materials Science of High Temperature Superconductors*, BAD WINDSHEIM, DE, 1989.08 13–26
72. **P. WRÓBEL, T.K. KOPEĆ**,  
**Antiferromagnetic Ordering in the Hubbard Model: Slave Boson Approach. Path Integral Formulation.** (P)  
*Adriatico Res.Conf.& Worksh.on Strongly Correlated Electron Systems*, MIRAMARE (Trieste) IT, 1989.06 19 –.07 21
73. **A. ZALESKI**,  
**Investigation of Tl-Based Compounds as High-Temperature Superconducting Materials.** (C)  
*Int.Semin.on High-Temperature Superconductivity*, FINCKEN, DD, 1989.01 22–25

74. **O.J. ŻOGAŁ**,  
**Kształt linii absorpcji  $^1\text{H}$  MRJ w obszarze sieci „sztywnej”: I. Wodorki samaru.**  
[Shape of  $^1\text{H}$  NMR Absorption Line in the Rigid Lattice Region: I. Samarium Hydrides.] (P)  
*XXII Og-pol.Semin.nt. Magnetycznego Rezonansu Jądrowego i jego zastosowań [22nd All-Pol.Semin.on NMR and Its Applications]* CRACOW, PL, 1989.12 04–05
75. **O.J. ŻOGAŁ, C. JUSZCZAK**,  
**Kształt linii absorpcji  $^1\text{H}$  MRJ w obszarze sieci „sztywnej”: II. Wodorek ceru ( $\text{CeH}_{2.85}$ ).**  
[Shape of  $^1\text{H}$  NMR Absorption Line in the Rigid Lattice Region: II. Cerium Hydride ( $\text{CeH}_{2.85}$ ).] (P)  
*XXII Og-pol.Semin.nt. Magnetycznego Rezonansu Jądrowego i jego zastosowań [22nd All-Polish Semin.on NMR and Applications]* CRACOW, PL, 1989.12 04–05
76. **O.J. ŻOGAŁ**, J.Kowalewski, **K. NIEDŹWIEDŹ**,  
**The Properties of NMR Line Shape Function Resulting from FID Fitting Function.** (?)  
[13th] *Conf.on Radio- and Microwave Spectroscopy (RAMIS '89)* POZNAŃ, PL, 1989.04 25–28
77. **Z. ŻOŁNIEREK, R. TROĆ, V.H. TRAN**,  
**Localization of the 5f Level Across the  $\text{UM}_{5-x}\text{T}_x$  Series.** (P)  
*Int.Conf.on Physics of Highly Correlated Electron Systems*, SANTA FÉ, NM, US, 1989.09 11–15
-