Instytut Niskich Temperatur
i Badań Strukturalnych PAN

Wrocław, 2009.02 22

LISTA PUBLIKACJI 1979
LIST of PUBLICATIONS

KSIĄŻKI, MONOGRAFIE i ARTYKUŁY PRZEGLĄDOWE
Books, Monographs & Reviews

1. **W. Romanowski**,

   Metale w stanie wysokiej dyspersji. [Highly Dispersed Metals.]

   (Warszawa: PWN 1979) 156 pp. [in Polish].

ARTYKUŁY W CZASOPISMACH NAUKOWYCH
Articles in Scientific Journals

2. N.Alekseevskiĭ, E.Krasnopërov, **E. Trojnar**, **A.J. Zaleski**,

   On the Distribution of the Magnetic Field of the Transport Current in Type-II Superconductor.

   phys. stat. sol. (a) **51** 2 (1979) K117–9. [DOI]

3. T.A.Altschuller, **H. Drulis**, M.M.Зарипов, E.E.Куковицкий, H.M.Сулейманов, T.O.Фарзан,

   ???. Use of an Electron Paramagnetic Resonance Method for Study of Localized Magnetic Moments of Rare-Earth Ions in Metals.

   Сплавы Редк. и Тугоплл. Мет. 3 **79** ? (1979) 92–?? [in Russian].

4. **K. Bartkowski**, **D. Włosewicz**, **J. Rafałowicz**,

   Lorenz Function and Horizontal and Vertical Component of Thermal Resistivity of Tin Monocrystal.

   phys. stat. sol. (a) **52** 2 (1979) 397–400. [DOI]

5. S.Benci, R.Capelletti, F.Fermi, M.Manfredi, **J.Z. Damm**, **E. Mugeński**,

   Spectral and Time-Decay Analysis of the Photoluminescence Induced by Suzuki-Like Occlusions in KCl:Pb.

   J. Lumin. **18/19** (1979. 01) 341–4 [pt I]. [DOI]

   Int.Conf.on Luminescence (ICL'78) PARIS, FR, 1978.07 17–21

6. M.Białkowski, **L. Lipiński**, **A. Szmyrka**,

   Tranzystor krzemowy jako termometr niskotemperaturowy. [Silicon Transistor as Low Temperature Thermometer.]

   Chłodnictwo **14** 12 (1979) 15–9 [in Polish].

7. **L. Biegała**,

   Negative Magnetocaloric Effect in Uniaxial Ferromagnets.

   phys. stat. sol. (b) **93** 2 (1979) K125–6. [DOI]

8. **L. Biegała**,

   Magnetocaloric Effect in Field-Induced Antiferromagnet.

   Solid State Commun. **32** 11 (1979) 1125–7. [DOI]

9. **L. Biegała**, Z.Kalva, I.Veltruský,

   Influence of the Magnetic Field Direction on the Magnetocaloric Effect in Ferrimagnets.

   Acta Phys. Pol. A **55** 5 (1979) 687–95.

10. **Z. Biegański**, **M. Drulis**,

    Low Temperature Specific Heats of Samarium Trihydride. Second-Order Phase and Crystal Field Splitting Effects.

    Solid State Commun. **31** 7 (1979) 501–3. [DOI]

11. **Z. Biegański**, **B. Staliński**,

    Low Temperature Specific Heats of Light Rare Earth Trihydrides.

    Z. phys. Chem. NF **116** (1979) 109–15.

12. T.Biestek, **M. Dryś**,

    — – title unknown –

    Powłoki Ochronne **7**3 (1979) 2–4 [in Polish].

13. A.Blaise, R.Lagnier, **J. Mulak**, **Z. Żołnierek**,

    Magnetic Susceptibility and Heat Anomalies of $U(OH)_2SO_4$.

    J. Physique **40** 4*Colloq. C* − 4 (1979) C4-176–8.
    3rd Int.Conf.on the Electronic Structure of the Actinides, GRENOBLE, FR, 1978.08 30 –.09 01

14. A.Bohun, **J.Z. Damm**, **K.D. Nierzewski**, **H. Opyrchał**, P.Pokorný, R.Voszka,

    Afterglow and Electron After-emission in γ-Irradiated KCl:Eu^{2+} Crystals.

    Bull. Ac. Pol. Sci.- Sér. sci. chim. **27**3 (1979) 241–7.

15. W.Bronowska, **K. Łukaszewicz**,

    Lattice Parameters, Spontaneous Strain and Thermal Expansion of Deuterated Rochelle Salt (DRS).

    Bull. Ac. Pol. Sci.- Sér. sci. chim. **27**2 (1979) 121–5.

16. **M. Ciszek**, **B. Makiej**,

    AC Losses of the Electromagnetic Energy and Critical Current Densities in Superconducting Pb–In Alloys.

    Acta Phys. Pol. A **55** 1 (1979) 39–43.

17. **H. Drulis**, J.Pyter, **B. Staliński**,

    Electron Paramagnetic Resonance of Trivalent Erbium in Yttrium Hydrides.

    Bull. Ac. Pol. Sci.- Sér. sci. chim. **27**10 (1979) 803–8.

18. **H. Drulis**, N.M.Suleĭmanov,

    Electron Paramagnetic Resonance of Er. Localized Electron Magnetic States in Thorium Hydrides.

    phys. stat. sol. (b) **95** 2 (1979) 377–82. [DOI]

19. **M. Drulis**, **Z. Biegański**,

    Low-Temperature Specific Heats of Cerium and Praseodymium Trihydrides. Second-Order Phase Transitions and Crystal Field Splitting Effects.

    phys. stat. sol. (a) **53** 1 (1979) 277–81. [DOI]

20. **M. Dryś**, **J. Sosnowski**, **L. Folcik**,

    Phase Equilibria in the Niobium–Gallium–Iron System at 1000 °C.

    J. Less-Comm. Met. **68** 2 (1979) 175–81. [DOI]

21. **K. Durczewski**,

    Influence of Anisotropic Fluctuations on the Electrical Resistivity in Uniaxial Ferromagnetic Metals Near T_C .

    Solid State Commun. **31** 6 (1979) 427–30. [DOI]

22. G.Fuchs, **J. Grzybek**, **T. Jastrzębska**, **E. Trojnar**,

Der Einfluß von Biegung auf die kritische Stromdichte von supraleitenden Nb–Ti–Mehrkernleitern. [The Effect of Bending on the Critical Current Density of Superconducting Multifilamentary Conductors.]

Exp. Techn. Phys. **27**$_6$ (1979) 579–84 [in German].

23. **Z.M. Galasiewicz**,

Hydrodynamics for Bogoliubov's Model of Weakly Interacting Bosons.

Bull. Acad. Pol. Sci.- Sér. sci. phys. astron. **27**$_4$ (1979) 217–21.

- W.Götze, M.Lücke, **A.Szprynger**,

Excitation Spectrum of a ^{3}He Atom Moving in He II at Zero Temperature.

Phys. Rev. B **19**$_1$ (1979) 206–14. [DOI]

24. **Z. Henkie**, A.Misiuk,

Growth of USb_2 Single Crystals and Their Structural Perfection.

Krist. Technik **14**$_5$ (1979) 539–43. [DOI]

25. **J.M. Jabłoński**,

Magnetically Catalyzed *ortho–para* Hydrogen Conversion on Co(II)-Exchanged A-Type Zeolites.

Pol. J. Chem. **53**$_5$ (1979) 1103–9.

26. **W. Jaszczuk**, **S. Trojanowski**, **E. Trojnar**,

Proste urządzenie do regulacji i badania charakterystyk interferometrów kwantowych z kontaktem punktowym. [A Simple Device for Adjusting and Studying Characteristics of RF SQUIDs (Superconducting Quantum Interference Devices).]

Pomiary Automatyka Kontrola **25**$_8$ (1979) 282–4 [in Polish].

27. **J. Kaleciński**,

The Radiation Chemistry of Ionic Liquids. Nitrates.

Nukleonika **24**$_9$ (1979) 893–900.

Danish-Polish Symp.on Radiation Chemistry, WARSAW, PL, 1979.** **–**

28. **J. Kaleciński**, R.Sidor,

On the Determination of Hydrogen Proxide Yields in Irradiated Concentrated Aqueous Solutions of Alkaline Earth Nitrates.

Radiochem. Radioanal. Lett. **41**$_3$ (1979) 187–96.

29. **J. Kaleciński**, B.Ziegler,

The Efficiency of Radical Scavenging in γ-Irradiated Frozen Systems: Formic Acid – Molybdates.

Radiochem. Radioanal. Lett. **37**$_3$ (1979) 145–52.

30. А.Н.Каменская, K.Bukietyńska, Н.Б.Михеев, В.И.Спицын, **B. Jeżowska-Trzebiatowska**,

Некоторые свойства неводных растворов галогенидов двухвалентных лантанидов. [Some Properties of Non-aqueous Solutions of Chalcogenides of Bivalent Lanthanides.]

Ж. Неорг. Хим. **24**$_5$ (1979) 1139–46 [in Russian]. Engl. in: *J. Inorg. Chem.* **24**$_5$ (1979) ***–**.

31. J.Kasperczyk, **G. Kozłowski**, **P. Tekiel**,

Magnetic Induction Vector in Ferromagnetic Superconductor with Domain Structure.

Phys. Lett. A **71**$_{2/3}$ (1979) 273–4. [DOI]

32. **J. Klamut**,

Ciągłe przejścia fazowe w polu zewnętrznym. [Continuous Phase Transitions in an External Field.]

Sci.Pap. Inst.Phys. Wrocl.Techn.Univ. Nr 14 [Conf. Nr 2] (1979) 241–9 [pt II; in Polish].

XXV Zj. Fizyków Polskich [25th Congr.of Polish Physicists] WROCLAW, PL, 1977.09 19–24

33. **J. Klamut**, A.Z.Patashinskii, **J. Sznajd**,

Phase Front Motion in Uniaxial Ferromagnet.

Physica A **96** 3 (1979) 640–4. [DOI]

34. **Z. Kletowski**, **B. Staliński**, C.Bazan,

High Field Magnetoresistance in Antiferromagnetic Monocrystalline $PrSn_3$ and $NdSn_3$.

J. Physique **40** 5 Colloq. C-5 (1979) C5-145–6.

Int.Coll.on Physics of Metallic Rare-Earths (Coll.CNRS) SAINT-PIERRE-de-CHARTREUSE, FR, 1978.09 04–07

35. **G. Kontrym-Sznajd**, M.Šob, **H. Stachowiak**,

Determination of Electronic Momentum Densities and the Fermi Surface of White Tin by Positron Annihilation.

Czech. J. Phys. B **29** 10 (1979) 1124–35. [DOI]

36. **G. Kozłowski**, **P. Tekiel**,

Distribution of the Current Density in the Cylindrical Sample of the Type-II Superconductor.

Phys. Lett. A **69** 6 (1979) 451–2. [DOI]

37. **T. Krzysztoń**, **G. Kozłowski**, **P. Tekiel**,

Influence of the Superconductivity on the Critical Magnetic Fields in a Uniaxial Antiferromagnet.

Acta Phys. Pol. A **56** 1 (1979) 49–54.

38. **T. Krzysztoń**, **G. Kozłowski**, **P. Tekiel**,

Surface Impedance of Antiferromagnetic Superconductor.

Phys. Lett. A **72** 1 (1979) 41. [DOI]

39. **R. Kubiak**, **M. Wołcyrz**,

X-ray Investigation of $Cd_{65}Hg_{35}$ and $Cd_{55}Hg_{45}$ Single Crystals.

J. Less-Comm. Met. **68** 1 (1979) 23–8. [DOI]

40. **R. Kubiak**, **M. Wołcyrz**, **W. Zacharko**,

Crystallization, Decomposition and Superconductivity of β–In_3Sn.

J. Less-Comm. Met. **65** 2 (1979) 263–9. [DOI]

41. **D. Kucharczyk**, T.Niklewski,

Accurate X-ray Determination of the Lattice Parameters and the Thermal Expansion Coefficients of VO_2 near the Transition Temperature.

J. Appl. Cryst. **12** 4 (1979) 370–3. [DOI]

42. J.Leciejewicz, H.Ptasiewicz-Bąk, **A. Zygmunt**,

Magnetic Phase Transition in UPd_2Si_2 .

phys. stat. sol. (a) **51** 1 (1979) K71–3. [DOI]

43. **P.J. Markowski**, **Z. Henkie**, **A. Wojakowski**,

Electronic Properties of Th_3As_4–U_3As_4 Solid Solutions.

Solid State Commun. **32** 11 (1979) 1119–23. [DOI]

44. **C. Marucha**, **J. Rafałowicz**,

Porównanie elektrycznego oporu resztkowego i maksymalnej wartości współczynnika przewodnictwa cieplnego jako parametrów czystości metali. [Comparison of Residual Electric Resistivity and the Maximum Value of Thermal Conductivity Coefficient as an Indicator of Metal Purity.]

Chłodnictwo **14** 3 (1979) 24–5 [in Polish].

45. **J. Mucha**, **J. Rafałowicz**,

Przewodnictwo cieplne napromieniowanego neutronami aluminium w zakresie temperatur 80–300 K. [Thermal Conductivity of Neutron-Irradiated Aluminium Sample in Temperature Range 80–300 K.]

Chłodnictwo **14** 10 (1979) 20–1 [in Polish].

46. **J. Mucha**, **J. Rafałowicz**,

Przewodnictwo cieplne wysokiej czystości monokryształów glinu w zakresie minimum. [Thermal Conductivity of High-Purity Aluminium Single Crystal in the Range of Its Minimum.]

Chłodnictwo **14**$_{10}$ (1979) 22 [in Polish].

47. **J. Mucha**, **J. Rafałowicz**,

Influence of the Lattice Component on the Thermal Conductivity Minimum of Aluminium.

phys. stat. sol. (a) **55**$_2$ (1979) 631–4. [DOI]

48. A.Murasik, J.Leciejewicz, **R. Niedzielski**, **R. Troć**,

Crystal-Field Effects in NdP–UP Solid Solution Studied by Neutron Spectroscopy.

J. Physique **40**$_4$*Colloq. C* − 4 (1979) C4-181–3.

3rd Int.Conf.on the Electronic Structure of the Actinides, GRENOBLE, FR, 1978.08 30 –.09 01

49. A.Murasik, H.Ptasiewicz-Bąk, **A. Zygmunt**,

Crystal Field and Exchange Effects in CeZn.

J. Physique **40**$_5$*Colloq. C* − 5 (1979) C5-143–4.

Int.Coll.on Physics of Metallic Rare-Earths (Coll. CNRS) SAINT-PIERRE-de-CHARTREUSE, FR, 1978.09 04–07

50. **B. Nowak**, R.Lagnier,

Low Temperature Heat Capacity Studies of the Dihydride Phase of Titanium–Niobium–Hydrogen Alloys.

phys. stat. sol. (a) **54**$_2$ (1979) K167–9. [DOI]

51. **B. Nowak**, **O.J. Żogał**, M.Minier,

NMR Study of the Electronic Structure in Titanium Niobium Dihydride.

J. Phys. C **12**$_{21}$ (1979) 4591–600. [DOI]

52. H.Noël, **R. Troć**,

Magnetic Properties of Mixed Uranium and 3d Element Chalcogenides of the $M\,U_8X_{17}$ Type.

J. Solid State Chem. **27**$_2$ (1979) 123–35. [DOI]

53. **H. Opyrchał**, **K.D. Nierzewski**,

Photostimulated Low-Temperature Recombination Luminescence in γ-Irradiated KCl:Eu^{2+} Crystals.

phys. stat. sol. (b) **95**$_1$ (1979) 251–7. [DOI]

54. **A. Pietraszko**, **A. Waśkowska**, **S. Olejnik**, **K. Łukaszewicz**,

X-ray Study of the Phase Transition in $RbHSeO_4$.

Phase Transit. **1**$_1$ (1979) 99–106. [DOI]

55. M.Połomska, **M. Malinowski**, H.H.Otto,

Dielectric and Electric Study of $Pb_5(Ge,Si)_3O_{11}$ Single Crystals.

phys. stat. sol. (a) **56**$_1$ (1979) 335–9. [DOI]

56. **D. Potoczna-Petru**,

Low Temperature Nitrogen Adsorption on Polycrystalline Nickel Films. Investigation by Desorption Spectra, Electric Resistance and Dubinin–Radushkevich Isotherms.

Pol. J. Chem. **53**$_6$ (1979) 1287–93.

57. **P. Przysłupski**, **R. Horyń**, **B. Greń**,

Critical Currents of $LaMo_6S_8$ Thin Films.

Solid State Commun. **32**$_{12}$ (1979) 1341–4. [DOI]

58. **J. Rafałowicz**,

Przewodnictwo cieplne w temperaturze przejścia nadprzewodzącego w zależności od czystości próbek dla czternastu metali. [Dependence of Thermal Conductivity at the Superconducting Transition Temperature on Purity for Fourteen Metals.]

Chłodnictwo **14**$_5$ (1979) 21–2 [in Polish].

59. **J. Rafałowicz**,

Wstępna analiza danych przewodnictwa cieplnego dla czternastu metali w stanie normalnym i nadprzewodnikowym. [Preliminary Analysis of Thermal Conductivity Data for Fourteen Metals in Normal and Superconducting State.]

Chłodnictwo **14**$_6$ (1979) 24–5 [in Polish].

60. A.Ratuszna, **A. Pietraszko**, A.Chełkowski, **K. Łukaszewicz**,

The Temperature Dependence of Lattice Parameters of $KMeF_3$ and $KMn_{0.9}Me_{0.1}F_3$ Compounds ($Me = Mn^{2+}$, Co^{2+}, and Ni^{2+}).

phys. stat. sol. (a) **54**$_2$ (1979) 739–43. [DOI]

61. **W. Romanowski**, **J.M. Jabłoński**,

***Ortho–para* Hydrogen Conversion on X and Y Zeolites Exchanged with Co(II)-, Ni(II)- and Cu(II)- Ions.**

Pol. J. Chem. **53**$_4$ (1979) 871–9.

62. **W. Ryba-Romanowski**, **B. Jeżowska-Trzebiatowska**, J.Sarzyński, J.Nowak, A.Nowak,

Effect of Glass Composition on the Relaxation of the $^4I_{13/2}$ Level of Erbium Ions in Borate and Silicate Glasses.

Acta Phys. Pol. A **55**$_6$ (1979) 841–8.

63. **J. Sosnowski**, **M. Dryś**,

Superconductivity of the A15 Phase in $Nb_{78}Ga_{22-x}Fe_x$ and $Nb_{80}Ga_{20-x}Fe_x$ Alloys.

phys. stat. sol. (a) **53**$_2$ (1979) 481–5. [DOI]

64. **J. Sosnowski**, K.Trojnar, **M. Siczek**,

— – title unknown –

Pomiary Automatyka Kontrola **25**$_7$ (1979) 255–** [in Polish].

65. **H. Stachowiak**, **Z. Szotek**,

On Deconvoluting Positron Annihilation Curves from Resolving Power Smearing.

Bull. Acad. Pol. Sci.: Sér. sci. phys. astron. **27**$_4$ (1979) 255–63.

66. **B. Staliński**, **A. Czopnik**, **N. Iliew**, T.Mydlarz,

Magnetization of $NdIn_3$, $GdIn_3$ and $DyIn_3$ Single Crystals.

J. Physique **40**$_5$ Colloq. C-5 (1979) C5-149–51.

Int.Coll.on Physics of Metallic Rare-Earths (Coll.CNRS) SAINT-PIERRE-de-CHARTREUSE, FR, 1978.09 04–07

67. **W. Stręk**,

Magnetic-Field-Induced Radiationless Transitions.

Chem. Phys. Lett. **61**$_3$ (1979) 611–3. [DOI]

68. **W. Stręk**,

Solvent Effect on Radiationless Transitions.

Mol. Phys. **38**$_6$ (1979) 2005–15. [DOI]

69. **W. Stręk**,

Solvent Effect on Intensities of f–f Transitions in Lanthanide(III) Complexes.

Theor. Chim. Acta **52**$_1$ (1979) 45–53. [DOI]

70. **W. Stręk**, **C. Szafrański**, **B. Jeżowska-Trzebiatowska**,

The Excitation Density Effect on the Fluorescent Decay Times of Nd Pentaphosphate Single Crystal.

Acta Phys. Pol. A **56**$_4$ (1979) 543–6.

71. N.Suleĭmanov, E.G.Kharakhash'yan, **H. Drulis**, **B. Staliński**,

Application of EPR Methods to the Study of Phase Diagrams. EPR of Gd Ions in the PdH_x System.

J. Less-Comm. Met. **65**$_2$ (1979) 67–70. [DOI]

72. **C. Sułkowski**,

Superconducting Transition Temperature and Electronic Properties of Indium Alloys.

phys. stat. sol. (b) **92** 2 (1979) K109–11. [DOI]

73. M.Surma, S.Maciejewski, **R. Horyń**,

.. [The Magnetoresistance of In_3Sn – Phase Single Crystals in Pulsed High Magnetic Fields.]

Biul. Inf. UAM Ser. fiz. **37**$_*$ (1979) 19–24 [in Polish].

74. **W. Suski**,

The Structure, Magnetic and Related Phenomena of the Semimetallic, Semiconducting and Ionic Compounds of Actinides.

J. Physique **40** 4*Colloq. C* − 4 (1979) C4-43–8.

3rd Int.Conf.on the Electronic Structure of the Actinides, GRENOBLE, FR, 1978.08 30 –.09 01

75. **A. Szmyrka**, **L. Lipiński**, **H. Manuszkiewicz**, **A. Oraczewski**,

Stanowisko pomiarowe do badań kriotermometrów w polu magnetycznym.
[Measurement Stand for Testing Cryothermometers in Magnetic Field.]

Chłodnictwo **14** 11 (1979) 19–23 [in Polish].

76. **J. Sznajd**,

Effect on Random Field Conjugate to a Non-Critical Variable on Phase Transitions.

Phys. Lett. A **74** 5 (1979) 297–9. [DOI]

77. **P. Tekiel**,

One-Dimensional Mixed State of the Type-I Superconductors in Longitudinal Magnetic Filed.

Acta Phys. Pol. A **56** 1 (1979) 55–9.

78. E.Thibaut, J.Verbist, **R. Troć**,

Shake-up Satellites in the U 4f ESCA Spectra of NaCl-Type.

J. Physique **40** 4 Colloq. C-4 (1979) C4-77–8.

3rd Int.Conf.on the Electronic Structure of the Actinides, GRENOBLE, FR, 1978.08 30 –.09 01

79. **P.E. Tomaszewski**, **A. Pietraszko**,

Thermal Expansion of Lithium–Ammonium Sulphate. [$LiNH_4SO_4$]

phys. stat. sol. (a) **56** 2 (1979) 467–72. [DOI]

80. **R. Troć**,

Własności magnetyczne aktynowców. [Magnetic Properties of Actinides.]

Sci.Pap. Inst.Phys. Wrocl.Techn.Univ. Nr 14 [Conf. Nr 2] (1979) 163–71 [pt II; in Polish].

XXV Zj. Fizyków Polskich [25th Congr.of Polish Physicists] WROCŁAW, PL, 1977.09 19–24

81. **R. Troć**, **Z. Żołnierek**,

Magnetic Properties of Some Tetragonal Uranium Compounds.

J. Physique **40** 4 Colloq. C-4 (1979) C4-79–81.

3rd Int.Conf.on the Electronic Structure of the Actinides, GRENOBLE, FR, 1978.08 30 –.09 01

82. **E. Trojnar**, **A.J. Zaleski**,

Flux Pinning on Normal Silver Particles Embedded in Superconducting PbIn Matrix.

Acta Phys. Pol. A **56** 3 (1979) 405–9.

83. **A. Waśkowska**, **S. Olejnik**, **K. Łukaszewicz**, M.Ciechanowicz-Rutkowska,

The Crystal Structure of Triglycine Fluoberylate in Ferroelectric and Paraelectric Phases.

Ferroelectrics **22** 3/4 (1979) 855–61. [DOI]

84. **D. Włosewicz**, **K. Bartkowski**, **J. Rafałowicz**,

Temperature Dependence of Thermal and Electric Conductivity of Brass Alloys of Different Zinc Concentration in Temperature Range 4–300 K.

Acta Phys. Pol. A **56** 6 (1979) 779–85.

85. **D. Włosewicz, K. Bartkowski, J. Rafałowicz,**

Discussion of Method of Separation of the Electronic and Lattice Components of Thermal Conductivity for Brass.

Acta Phys. Pol. A **56**$_6$ (1979) 787–96.

86. **W. Zacharko, R. Kubiak,**

The Anisotropy of the Upper Critical Fields in the Tetragonal Superconductor In_3Sn.

phys. stat. sol. (b) **96**$_1$ (1979) K21–4. [DOI]

87. **A.J. Zaleski, E. Trojnar, B. Makiej,**

The Distribution of the Transport Current in a Cylindrical Sample of Type-II Superconductor in a Longitudinal Magnetic Field.

Acta Phys. Pol. A **56**$_5$ (1979) 619–25.

88. **O.J. Żogał,**

^{139}La NMR Study of Sub-Stoichiometric Lanthanum Trihydride.

phys. stat. sol. (a) **53**$_2$ (1979) K203–5. [DOI]

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH
Publications in Conference Materials

89. **K. Balcerek, T. Tyc,**

Heat Flux Rectifier.

In: *Proc. 7th Int. Cryogenic Engineering Conference*, (Guildford (Surrey): IPC Sci. & Technol. Press 1979) p. 714.

7th Int. Cryogenic Engineering Conf. (ICEC-7) LONDON, En, UK, 1978.07 04–07

90. **K. Balcerek, R. Wawryk,**

Direct Reading Thermal Conductivity Instrument with Digital Read-out for the Measurement of Micro-sphere Insulation.

In: *Refrigeration and Preservation of World Resources*, (Venice: 1979) Vol. 1, pp. 207–13.

Proc.15th Int.Congr.of Refrigeration (ICR-15) VENEZIA, IT, 1979.09 23–29

91. **E. Boroński, Z. Szotek, H. Stachowiak,**

? – title unknown –

In: *Positron Annihilation. 5*, ed. by R.R.Hasiguti & K.Fujiwara, (Sendai: Japan Inst.of Metals 1979) pp. 297–*.

5th Int.Conf.on Positron Annihilation (ICPA-5) YAMANASHI (Lake Yamanaka) JP, 1979.04 08–11

92. I.A.Garifullin, N.M.Suleĭmanov, **H. Drulis,**

EPR Studies of Electron Properties and Indirect Exchange Interaction in the PdGdH System.

In: *Magnetic Resonance and Related Phenomena (Proc. 20th Congr. Ampére, Tallin 1978)* ed. by E.Kundla, E.Lippmaa & T.Saluvere (Berlin: Springer Vg, 1979) p. 429–**.

20th Congr.Ampére on Magnetic Resonance & Related Phenomena, TALLIN, EE, SU, 1978.08 21–26

93. **C. Marucha, J. Rafałowicz,**

Comparing the Maximum Values of Electrical Residual Resistivity and Thermal Conductivity Coefficient as a Parameter of Metal Purity.

In: *Proc. 7th Int. Cryogenic Engineering Conference*, ed. by ***.* (Guildford (Surrey): IPC Sci. & Technol. Press 1979) pp. 707.

7th Int. Cryogenic Engineering Conf. (ICEC-7) LONDON, En, UK, 1978.07 04–07

94. **H. Stachowiak, Z. Szotek,**

? – title unknown –

In: *Electronic Structure of Metals and Alloys 9.*, ed. by P.Ziesche (Dresden: Technische Universität 1979) pp. ***–*.

9th Ann.Int.Symp.on Electronic Structure of Metals and Alloys, GAUSSIG, DD, 1979.04 02–06

95. Н.М.Сулейманов, **H. Drulis**,

Влияние длины свободного пробиега электронов проводимости на косвенное обменное взаимодействе в системе $Pd(Gd)H_x$. [Influence of the Conduction Electron Free Path on Indirect Mutual Interaction in $Pd(Gd)H_x$ System.]

In: *Матер. XX Всесоюзн.конф.по Физике Низких Температур [20th All-Union Conf.on Low Temperature Physics]*, (Minsk: 1976) Tom 1, pp. 61–* [in Russian].

XX Всесоюзн.конф.по Физике Низких Температур [20th All-Union Conf.on Low Temperature Physics, NT-20] MOSCOW, SU, 1979.09 **–**

96. **O.J. Żogał**, **B. Staliński**,

^{139}La NMR and Other Electronic Properties of $LaH_{2.7}$ and Some Related Phases.

In: *Proc.Symp.on Radio- and Microwave Spectroscopy 1977*, ed. by N.Piślewski (Poznań: Uniwersytet, 1979) pp. 303–7.

7th Symp.on Radio- and Microwave Spectroscopy (RAMIS '77) POZNAŃ, PL, 1977.04 19–22

97. **O.J. Żogał**, **B. Staliński**,

^{171}Yb and ^{1}H NMR in Orthorhombic Ytterbium Dihydride.

In: *Magnetic Resonance and Related Phenomena (Proc. 20th Congr. Ampére, Tallin 1978)* ed. by E.Kundla, E.Lippmaa & T.Saluvere (Berlin: Springer Vg, 1979) p. 433.

20th Congr.Ampére on Magnetic Resonance & Related Phenomena, TALLIN, EE, SU, 1978.08 21–26

LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. **K. Balcerek**, **A. Łuszpak**, **T. Tyc**,

   Lokalne prostowanie strumienia ciepła w niejednorodnej próbce GaAs. [Local Heat Flux Rectifying in an Inhomogeneous GaAs Sample.] (C)

   X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

2. **K. Balcerek**, **R. Wawryk**,

   Direct Reading Thermal Conductivity Instrument with Digital Read-out for the Measurement of Micro-sphere Insulation. (?)

   15th Int.Congr.of Refrigeration (ICR-15) Venezia, IT, 1979.09 23–29

3. **K. Bartkowski**, M.Vincelberg, C.Gladun, A.Gladun, **J. Rafałowicz**,

   Anizotropia przewodnictwa cieplnego cyny w zakresie temperatur 0,1–2 K. [Anisotropy of Thermal Conductivity of Tin in the Temperature Range 0.1–2 K.] (C)

   X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

4. M.Białkowski, **L. Lipiński**,

   Przydatność tranzystorów krzemowych polskiej produkcji w termometrii niskotemperaturowej. [Usefulness of Polish-Made Silicone Transistors in Low-Temperature Thermometry.] (C)

   X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

5. **L. Biegała**, Z.Kalva, J.Veltruský,

   Efekt magnetokaloryczny i indukowane polem przejście fazowe. [Magnetocaloric Effect and Field-Induced Phase Transition.] (P)

   II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

6. **Z. Biegański**, **M. Drulis**,

   Niskotemperaturowe ciepła właściwe trójwodorku samaru. [Low-Temperature Specific Heat of Samarium Trihydrides.] (P)

   XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

7. **E. Boroński**, **Z. Szotek**, **H. Stachowiak**,

   ? – title unknown –

   5th Int.Conf.on Positron Annihilation (ICPA-5) Yamanashi (Lake Yamanaka) JP, 1979.04 08–11

8. **M. Ciszek**, **G. Kozłowski**, **P. Tekiel**,

   Minimum strat energetycznych w nadprzewodzącym stopie Nb–Mo. [The Minimum of Energy Loses in Superconducting Nb–Mo Alloy.] (C)

   X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

9. Z.Czapla, T.lis, L.Sobczyk, **A. Waśkowska**, J.Mróz, R.Poprawski,

   Ferroelectric Properties of Rubidium and Ammonium Hydrogen Selenates. (P)

   4th Eur.Meet.on Ferroelectricity (EMF '79) Portoroz, YU, 1979.09 03–07

10. **H. Drulis**,

    Anomaly of the Magnetic Behavior of the Rare-Earth Dihydrides. (C)

    6th Int.Conf.on Solid Compounds of Transition Elements (SCTE-6) Stuttgart, DE, 1979.06 12–16

11. **K. Durczewski**,

    Anizotropia oporu elektrycznego metali ferromagnetycznych w pobliżu T_C i eksperyment a teoria. [Anisotropy of Electrical Resistance of Ferromagnetic Metals in the Vicinity of T_C: Experiment *versus* Theory.] (P)

    II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

12. **K. Durczewski**, M.Ausloos,

Anisotropic (Band and Spin-Fluctuations) Effects on the Electrical Resistivity of Uniaxial Ferromagnetic Metals Near T_c. (P)

Int.Conf.on Magnetism (ICM '79) Munich, DE, 1979.09 03–07

13. **K.E. Gałuszewski**, **J. Mucha**, A.V.Krasnokutskii, B.A.Merisov, N.Azumai, **J. Rafałowicz**,

Thermal Conductivity Minimum of Zinc and Aluminium. (C)

16th Int. Thermal Conductivity Conf., Chicago, IL, US, 1979.11 07–09

14. **K.E. Gałuszewski**, **J. Rafałowicz**,

Minimum przewodnictwa cieplnego monokryształów i polikryształów cynku w zakresie temperatur 80–400 K. [The Minimum of Thermal Conductivity of Zinc Single-Crystals and Polycrystals in 80–400 K Temperature Range.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

15. **P. Godowski**, J.Kołaczkiewicz, S.Mróz, W.Wiejak,

Studies of the Appearance of Sulphur on Nickel Surface During Heating of the Sample in Ultra-High Vacuum. (P)

4th Semin.on Surface Physics, Karpacz, PL, 1979.** **–**

16. **A. Grohman**,

Parametry eksploatacyjne bezazotowego niemagnetycznego kriostatu z laminowanych tworzyw sztucznych. [Working Parameters of a Nitrogen-Less, Nonmagnetic Cryostate Made of [Glass] Reinforced Plastics.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

17. **Z. Henkie**, **N. Iliew**, **Z. Kletowski**, **B. Staliński**,

Otrzymywanie monokryształów związków metali ziem rzadkich typu $REMe_3$, gdzie $Me = Sn, In$. [Growing Single Crystals of Rare-Earth Compounds of $REMe_3$-Type ($Me = Sn, In$).] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

18. **J.M. Jabłoński**,

Magnetyczne badania redukcji i dyspersji kobaltu w zeolitach syntetycznych typu Y. [Magnetic Investigation of Cobalt Reduction and Dispersion in Y-Type Synthetic Zeolites.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

19. **B. Janus**, **W. Suski**,

Struktura i własności magnetyczne regularnego i rombowego układu U_2Te_{3-x}. [Structure and Magnetic Properties of Regular and Rhomboedral U_2Te_{3-x} System.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

20. **W. Jaszczuk**, **S. Trojanowski**, **E. Trojnar**,

Kriostat do badań odwiertów geologicznych. [Cryostat for Investigation of Geological [Drilling] Core Samples.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

21. **W. Jaszczuk**, **S. Trojanowski**, **E. Trojnar**,

Pomiar aktywności magnetycznej serca przy użyciu SQUIDu. [Measurement of Heart Magnetic Activity with Aid of SQUID.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

22. **B. Jeżowska-Trzebiatowska**, **Z. Mazurak**, T.Lis,

Struktura krystaliczna i własności ErP_2O_{14}. [Crystal Structure and Properties of ErP_2O_{14}.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

23. **J. Kaleciński**,

The Radiation Chemistry of Ionic Liquids. Nitrates. (L)

Danish-Polish Symp.on Radiation Chemistry, Warsaw, PL, 1979.** **–**

24. **J. Kaleciński**, **J. Nawojska**, **G. Chlebosz**, B.Ziegler,

Radiacyjna redukcja hetero- i izo-polikwasów molibdenu. [Radiation Reduction of Molybdenum Hetero- and Iso-Poly-acids.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

25. **L. Kępiński**, **W. Romanowski**,

Evolution of Gold Dispersion in Discontinuous Films Evaporated in Vacuum on Amorphous Carbon and Silicon Monoxide. (C)

4th [Polish] Symp.on Surface Physics, Trzebieszowice, PL, 1979.05 **–**

26. **Z. Kletowski**, **B. Staliński**, **J. Mulak**,

Crystal Field Effect in the Electrical Resistivity of $NdSn_3$. (P)

Int.Conf.on Magnetism (ICM '79) Munich, DE, 1979.09 03–07

27. **G. Kozłowski**, **P. Tekiel**,

Przejścia fazowe w nadprzewodnikach. [Phase Transitions in Superconductors.] (L)

II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

28. **G. Kozłowski**, **P. Tekiel**, **T. Krzysztoń**,

Współistnienie nadprzewodnictwa i magnetyzmu. [Coexistence of Superconductivity and Magnetism.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

29. **T. Krzysztoń**,

Isolated Vortex Line in an Antiferromagnetic Superconductor. (C)

8th Int.Conf.on Magnetism (ICM '79) Munich, DE, 1979.09 03–07

30. **R. Kubiak**, **M. Wołcyrz**,

Rentgenograficzne badania kryształów $Cd_{65}Hg_{35}$ i $Cd_{55}Hg_{45}$. [X-ray Investigation of $Cd_{65}Hg_{35}$ and $Cd_{55}Hg_{45}$ Crystals.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

31. **H. Kubicka**, **G. Chądzyński**,

Gravimetric Study of the Low Temperature Adsorption of Argon, Nitrogen, Oxygen and Hydrogen on γ-Alumina. (C)

4th Int.Symp.on Heterogeneous Catalysis, Varna, BG, 1979.10 05–08

32. **L. Lipiński**, **H. Manuszkiewicz**,

Kriogeniczny regulator temperatury sterowany cyfrowo. [Digitally-Controlled Cryogenic Temperature Regulator.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

33. **P.J. Markowski**, **Z. Henkie**, **A. Rozwadowska**,

Otrzymywanie roztworów stałych $(Th_xU_{1-x})_3As_4$. [Obtaining $(Th_xU_{1-x})_3As_4$ Solid Solutions.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

34. **P.J. Markowski**, **Z. Henkie**, **A. Wojakowski**,

Impurity Band Formation in Semiconducting Th_3As_4-Rich Th_3As_4–U_3As_4 Solid Solutions. (C)

6th Int.Conf.on Solid Compounds of Transition Elements (SCTE-6) Stuttgart, DE, 1979.06 12–16

35. **Cz. Marucha**, **J. Rafałowicz**,

Reguła Matthiessena dla przewodnictwa cieplnego glinu. [Matthiessen's Rule for Thermal Conductivity of Aluminium.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

36. **H. Misiorek**, **T. Zakrzewski**, **J. Rafałowicz**,

Wpływ napromieniowania neutronami i deformacji plastycznej na przewodnictwo cieplne glinu w obszarze maksimum. [Influence of Neutron Irradiation and Plastic Deformation on the Aluminium Thermal Conductivity in Its Maximum Region.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

37. **J. Mucha**, A.B.Krasnokutskii, B.A.Merisov, N.Azumai, **J. Rafałowicz**,

Przewodnictwo cieplne monokryształów glinu o czystości 6N w zakresie temperatur 80–300 K. [Thermal Conductivity of 6N-Pure Aluminium Single Crystals in the Temperature Range 80–300 K.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

38. **J. Mulak**,

Crystal Field Effects in Some Ionic Uranium Compounds. (C)

Int.Conf.on Crystalline Electric Field and Structural Effects in f-Electron Systems, Philadelphia, PA, US, 1979.11 12–15

39. **S. Olejnik**, **A. Waśkowska**, **K. Łukaszewicz**,

Struktura krystaliczna NH_4HSeO_4 w fazie paraelektrycznej. [Crystal Structure of NH_4HSeO_4 in Paraelectric Phase.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

40. **W. Paciorek**, **D. Kucharczyk**,

Przemiany fazowe typu "commensurate–incommensurate" w kryształach A_2BX_4. [Phase Transitions of the "Commensurate–Incommensurate" Type in A_2BX_4 Crystals.] (P)

II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

41. **P. Przysłupski**, **R. Horyń**, B.Greń,

Otrzymywanie i własności cienkich warstw nadprzewodzących typu $PbM_xMo_6S_8$. [Deposition and Properties of Type-$PbM_xMo_6S_8$ Thin Superconducting Films.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

42. **Z. Raczkowski**, B.Szeffer-Marcinkowska,

Rozwój konstrukcji urządzeń stosowanych w kriomedycynie produkcji Z.D. „Kriopan"-INTiBS PAN. [Evolution of Design and Construction of Medical Appliances Produced by „Kriopan" Experimental Plant.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

43. **J. Rafałowicz**, **K. Bartkowski**, **K. Gałuszewski**, **Cz. Marucha**, **H. Misiorek**, **J. Mucha**, **D. Włosewicz**, **T. Zakrzewski**,

Osobliwości przewodnictwa cieplnego metali w niskich temperaturach. [Peculiarities of Thermal Conductivity of Metals at Low Temperatures.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

44. **J. Rafałowicz**, **K. Bartkowski**, **K. Gałuszewski**, **C. Marucha**, **J. Mucha**, **H. Misiorek**, **D. Włosewicz**, **T. Zakrzewski**,

Badania osobliwości przewodnictwa cieplnego metali w niskich temperaturach. [Investigation of Metals Thermal Conductivity Peculiarity at Low Temperatures.] (C)

XVIII Межд.Конф.СЭВ по Физике и Технике Низких Температур [18th CMEA Conf.on Low Temperature Physics & Technology] Dresden, DD, 1979.11 19–23

45. **W. Romanowski**,

Aktywność katalityczna dobrze zdefiniowanych powierzchni metali. [Catalytic Activity of Well-Defined Metal Surfaces.] (L)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

46. **J. Sosnowski**,

Własności fizyczne nadprzewodników o strukturze A15. [Physical Properties of Superconductors of A15 Structure Type.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

47. **J. Sosnowski**, **M. Dryś**, T.Mydlarz,

Wpływ domieszek Mn na własności nadprzewodnikowe Nb_3Ga o strukturze A15. [Influence of Mn Admixtures on Superconducting Properties of Nb_3Ga of A15-Structure.] (P)

II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

48. **J. Sosnowski**, **M. Dryś**, T.Mydlarz,

Własności nadprzewodnikowe stopów $Nb_{78}Ga_{22-x}Mn_x$ i $Nb_{80}Ga_{20-x}Mn_x$. [Superconducting Properties of $Nb_{78}Ga_{22-x}Mn_x$ and $Nb_{80}Ga_{20-x}Mn_x$ Alloys.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

49. **H. Stachowiak**, **Z. Szotek**,

? – title unknown –

9th Ann.Int.Symp.on Electronic Structure of Metals and Alloys, Gaussig, DD, 1979.04 02–06

50. **J. Stępień-Damm**, **K. Łukaszewicz**,

Badania rentgenowskie faz domieszkowych w układzie $NaCl$–$EuCl_2$. [X-ray Investigation of Admixture Phases in $NaCl$–$EuCl_2$ System.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

51. **W. Stręk**, **G. Dominiak-Dzik**, **B. Jeżowska-Trzebiatowska**,

The Influence of the Halide Anions on Intensity Enhancement of Europium(III) Ion in Solution. (C)

14th Eur.Congr.on Molecular Spectroscopy (EUCMOS-14) Frankfurt a.M., DE, 1979.09 07–07

52. **W. Stręk**, **C. Szafrański**, **G. Dominiak-Dzik**, **B. Jeżowska-Trzebiatowska**,

Wpływ anionów na intensywność przejść fluorescencji Eu^{3+} w roztworach wodnych. [Influence of Anions in Water Solutions on Eu^{3+} Fluorescent Transitions Intensity] (C)

XXVI Zjazd Fizyków Polskich [26th Congr.of Polish Physicists] Toruń, PL, 1979.09 24–29

53. B.Sujak, E.Pega, **Z. Chrapkiewicz**,

Kondensacyjna skraplarka metanu. [Methane Condensation Liquefier.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

54. Н.М.Сулейманов, **H. Drulis**,

Влияние длины свободного пробиега электронов проводимости на косвенное обменное взаимодействе в системе $Pd(Gd)H_x$. [Influence of the Conduction Electron Free Path on Indirect Mutual Interaction in $Pd(Gd)H_x$ System.] (C)

XX Всесоюзн.конф.по Физике Низких Температур [20th All-Union Conf.on Low Temperature Physics, NT-20] MOSCOW, SU, 1979.09 **–**

55. **C. Sułkowski**, **M. Kazimierski**,

Nadprzewodniki amorficzne. [Amorphous Superconductors.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

56. **W. Suski**, **B. Janus**,

Is the Intermediate Valence State Possible in the Uranium Tellurides ? (C)

Int.Conf.on Crystalline Electric Field and Structural Effects in f-Electron Systems, Philadelphia, PA, US, 1979.11 12–15

57. **M. Suszyńska**, R.Capelletti, **M. Czapelski**, A.Gainotti,

Mechanical and Electrical Properties of Europium- Doped KCl Single Crystals. (C)

Int.Symp.on Ionic Crystals, Russe, BG, 1979.09 25–30

58. **A. Szmyrka**, **L. Lipiński**,

Wpływ pola magnetycznego na charakterystyki termometryczne diod krzemowych. [Influence of Magnetic Field on Thermometrical Characteristics of Silicon Diodes.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

59. **J. Sznajd**,

Influence of the Spatially Varying Field on the Phase Transitions in Anisotropic Ferromagnets. (C)

8th Int.Conf.on Magnetism (ICM'79) Munich, DE, 1979.09 03–07

60. **J. Sznajd**,

Wpływ niejednorodnego pola magnetycznego na charakter przejść fazowych w ferromagnetykach. [Influence of External Magnetic Field on Phase Transition Characteristics in Ferromagnets.] (L)

II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

61. **P.E. Tomaszewski**, **W. Paciorek**,

Czy istnieje „wczesna" faza paramagnetyczna ? [Does There Exist an "Early" Paramagnetic Phase ?] (P)

II Symp.: Przejścia fazowe i zjawiska krytyczne [2nd Symp.on Phase Transitions & Critical Phenomena] Piechowice, PL, 1979.04 30 –.05 03

62. **P.E. Tomaszewski**, **A. Pietraszko**,

Rozszerzalność termiczna kryształów siarczanu amonowo–litowego, $LiNH_4SO_4$. [Thermal Expansion of Lithium–Ammonium Sulphate Crystals, $LiNH_4SO_4$.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

63. **R. Troć**,

Magnetic Behaviour of the 5f–4f Cubic Systems. (L)

8th Int.Conf.on Magnetism (ICM'79) Munich, DE, 1979.09 03–07

64. **R. Troć**, **R. Niedzielski**, J.Leciejewicz, A.Murasik,

Magnetic Phase Diagrams of the US–*L*S Systems (L = Pr, Nd). (C)

8th Int.Conf.on Magnetism (ICM'79) Munich, DE, 1979.09 03–07

65. **E. Trojnar**, **W. Jaszczuk**, **S. Trojanowski**,

Zastosowanie magnetometru kwantowego do badań geologicznych. [Application of squid to Geological Investigation.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

66. **J. Ulner**, R.Straubel, **W.J. Ziętek**,

Unidirectional Domain-Wall Propagation in Thin Film Strips with in-Plane Magnetization. (C)

8th Int.Conf.on Magnetism (ICM'79) Munich, DE, 1979.09 03–07

67. Yu.T.Vassilev, M.K.Karamikhlova, M.S.Mladenova, **K.D. Nierzewski**, M.Georgiev,

Room Temperature Investigations of the Photostimulated Post-Luminescence in $KCl : Eu^{2+}$. (C)

Int.Symp.on Ionic Crystals, Russe, BG, 1979.09 25–30

68. **R. Wawryk**, **K. Balcerek**,

Automatyczne urządzenie do pomiaru przewodnictwa cieplnego kriogenicznej izolacji mikrosferycznej z cyfrowym odczytem wartości λ. [Automatic Measurement of Thermal Conductivity of Cryogenic Microsphere Insulation with Digital λ Readout.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

69. **W. Zacharko**,

Efekty anizotropowe w nadprzewodnikach. [Anisotropic Effects in Superconductors.] (L)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

70. **A. Zaleski**,

Impedancja powierzchniowa w Nb_3Sn. [Surface Impedance in Nb_3Sn.] (C)

X Og.-pol.Semin. Kriogeniki [10th Polish Semin.on Cryogenics] Wrocław, PL, 1979.09 03–05

71. **O.J. Żogal**, Z.Malarski, E.Grech, G.Berg,

Badania dynamiki molekularnej w pochodnych trójetylenodwuaminy metodą PRM. [NMR-Investigation of Molecular Dynamics in Tri-ethylenediamine Derivatives.] (P)

XXII Jub.Zj.Nauk. PTChem. i SIiTPCh [22nd Ann.Congr.of Polish Chemical Soc.] Wrocław, PL, 1979.09 12–15

72. **O.J. Żogał**, **B. Staliński**,

Nuclear Magnetic Resonance Studies in Non-Magnetic Rare-Earth Hydrides. (C)

2nd Int.Symp.on Hydrogen in Metals [Jap. Inst. Metals] Tokyo, JP, 1979.11 19–26