

LISTA PUBLIKACJI 1969

LIST of PUBLICATIONS

ARTYKUŁY W CZASOPISMACH NAUKOWYCH

ARTICLES IN SCIENTIFIC JOURNALS

1. **J.Z. DAMM, M. SUSZYŃSKA,**
Decoration of Strain Bands with F-Centers in Potassium Chloride Crystals Deformed by Indentation.
phys. stat. solidi **32**₂ (1969) 779–90. [\[DOI\]](#)
2. **K. DURCZEWSKI,**
Influence of Domain Width on the Thickness and Energy of (71°|71°) and (109°|109°) BLOCH Walls in Face-Centered Cubic Ferromagnetic Lattices.
Acta Phys. Polon. **36**₂ (1969) 183–90.
3. **K. DURCZEWSKI, W.J. ZIĘTEK,**
Influence of Domain Width on the Thickness and Energy of Symmetric BLOCH Walls in Face-Centered Cubic Ferromagnetic Lattices.
Acta Phys. Polon. **35**₂ (1969) 307–24.
4. J.Dzięgielewski, **B. JEŻOWSKA-TRZEBIATOWSKA, J. KALECIŃSKI,**
Reduction of Uranyl Nitrate in Triethyl and Tripropyl Phosphates.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₄ (1969) 239–43.
5. J.Dzięgielewski, **J. KALECIŃSKI,**
Reduction of Uranyl Nitrate in *n*-Butanol.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₄ (1969) 233–8.
6. **R. FREUD,**
Analysis of the Results of Experiments on the Intermediate State of a Superconducting Cylinder with Current.
Acta Phys. Polon. **35**₆ (1969) 925–37.
7. **R. FREUD,**
Determination of the Electrical Resistance of a Superconductor in the Intermediate State on the Basis of Its Magnetic Induction Distribution.
Acta Phys. Polon. **36**₅ (1969) 787–9.
8. **Z.M. GALASIEWICZ,**
Remarks about a Kinetic Coefficient for the BOSE Superfluid.
Bull. Acad. Polon. Sci.: Sér. sci. math. astr. phys. **17**₉ (1969) 587–90.
9. **Z. GALASIEWICZ,**
Energy Gap and the Stability of the Solution Describing the Superconducting State.
Bull. Acad. Polon. Sci.: Sér. sci. math. astr. phys. **17**₁₁ (1969) 769–73.
10. W.Garczyński, **J.T. ŁOPUSZAŃSKI,**
On the Abelian Fields of Special Type.
Acta Phys. Polon. **35**₃ (1969) 407–12.

11. **A. GROHMAN, K. TROJNAR,**
Proste typy opornic do ciągłej regulacji dużych prądów. [Simple Types of Adjustable High-Current Resistors.]
Przeegl. Elektrotechn. **45**₃ (1969) 132–4 [in Polish].
12. **Z. HENKIE, W. TRZEBIATOWSKI,**
Electrical Properties of Mono-crystalline Uranium Diphosphide.
phys. stat. solidi **35**₂ (1969) 827–34. [\[DOI\]](#)
13. **J. HORN,**
Crystal Structure and Absolute Configuration of β -CdP₂.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₂ (1969) 69–73.
14. **R.S. INGARDEN,**
 – title unknown –
Acta Phys. Polon. **36**₅ (1969) 855–85.
15. **R.S. INGARDEN,**
Temperatury wyższych rzędów w pompowaniu optycznym. [Higher Order Temperatures in Optical Pumping.]
Post. Fizyki **20**₃ (1969) 309–15 [in Polish].
 III Og.-pol.Konf. „Radiospektroskopia i Elektronika Kwantowa” [3rd Polish Conf.on Radio-spectroscopy and Quantum Electronics] POZNAŃ, PL, 1968.04 22–2?
16. **B. JEŻOWSKA-TRZEBIATOWSKA, E.Kalecińska, J. KALECIŃSKI,**
The Rate of Reaction between Nitrosylpentacyanochromate(II) and Hydroxyl Radicals in γ -Radiolysis.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₄ (1969) 225–31.
17. **J. KLAMUT, G. KOZŁOWSKI,**
The Influence of the Temperature on the BLOCH Wall Thickness.
Acta Phys. Polon. **35**₆ (1969) 939–52.
18. **J. KOWALCZYK,**
Thermal Bleaching of Color Centers in γ -Irradiated KBr Crystals.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₃ (1969) 181–4.
19. **J. KOWALCZYK, M. SUSZYŃSKA,**
On Formation of Color Centers in Potassium Bromide Crystals.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₂ (1969) 101–6.
20. **J.T. ŁOPUSZAŃSKI,**
Symmetries Induced by Conserved Vector Currents in the Theory of Scalar Field.
Commun. Math. Phys. **12**₁ (1969) 80–90.
21. **K. ŁUKASZEWICZ, O.Bodak,**
Crystal Structure of the Intermetallic Compound CeCoSi₂.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₂ (1969) 63–8.
22. **K. ŁUKASZEWICZ, S.Kwoka, A.Jaśkiewicz,**
Dielectric Investigations of the Phase Transitions in Magnesium and Copper Pyrophosphates.
Acta Phys. Polon. **36**₁ (1969) 3–6.
23. **J. MAZUR, W. ZACHARKO,**
Specific Heat of Cementite in the Temperature Range 2–20 K.
Acta Phys. Polon. **35**₁ (1969) 91–9.

24. A. Murasik, **W. SUSKI**, J. Leciejewicz,
Neutron Diffraction Measurements of Antiferromagnetic UOTe at 4.2 K.
phys. stat. solidi **34**₂ (1969) K157–8. [\[DOI\]](#)
25. **A. PIETRASZKO**, **K. ŁUKASZEWICZ**,
A Refinement of the Crystal Structure of α'' -Cd₃As₂.
Acta Cryst. B **25**₅ (1969) 988–90. [\[DOI\]](#)
26. **J. RAFAŁOWICZ**, **B. SUJAK**, H. Synowiec,
Anomaly of the Effective Temperature Jump at the Surface of Superheated Silicon, Carbon and Copper in Liquid Nitrogen.
Acta Phys. Polon. **36**₃ (1969) 345–51.
27. **W. ROMANOWSKI**,
Equilibrium Forms of Very Small Metallic Crystals.
Surf. Sci. **18**₂ (1969) 373–88. [\[DOI\]](#)
28. A. C. Sakowski-Cowley, **K. ŁUKASZEWICZ**, H. D. Megaw,
The Structure of Sodium Niobate at Room Temperature and the Problem of Reliability in Pseudosymmetric Structures.
Acta Cryst. B **25**₅ (1969) 851–65. [\[DOI\]](#)
29. **B. STALIŃSKI**, **B. NOWAK**, **O. J. ŻOGAŁ**,
On the Structure of Niobium–Titanium–Hydrogen Alloys.
J. Less-Comm. Met. **19**₃ (1969) 289–90. [\[DOI\]](#)
30. **B. STALIŃSKI**, **O. J. ŻOGAŁ**, **H. DRULIS**,
On ¹H NMR in Some Hydrides of the III B Group Metals. The Influence of Strains.
Bull. Acad. Polon. Sci.: Sér. sci. chim. **17**₂ (1969) 121–4.
31. **E. TROJNAR**,
Temperature and Mean-Free-Path Dependence of the Parameter κ in Lead–Indium Alloys.
Physica **45**₃ (1969) 357–9. [\[DOI\]](#)
32. **W. TRZEBIATOWSKI**, T. Palewski,
Magnetic Properties of UP–US Solid Solutions.
phys. stat. solidi **34**₁ (1969) K51–4. [\[DOI\]](#)
33. **J. ULNER**, **W. J. ZIĘTEK**,
Influence of Domain Width on the Thickness and Energy of Symmetric BLOCH Walls in Body-Centered Cubic Ferromagnetic Lattices.
Acta Phys. Polon. **35**₁ (1969) 127–44.
34. W. Wardzyński, **A. WOJAKOWSKI**, W. Żdanowicz,
Pair Spectra in Tetragonal Zinc Diphosphide (ZnP₂) and Cadmium Diphosphide (CdP₂) Single Crystals.
Phys. Lett. A **29**₉ (1969) 547–8. [\[DOI\]](#)
35. B. Wysłocki, **W. J. ZIĘTEK**,
Dependence of Domain Width on Crystal Thickness in the Remanent Honeycomb Domain Structure in Cobalt.
Acta Phys. Polon. **35**₁ (1969) 117–9.
36. B. Wysłocki, **W. J. ZIĘTEK**,
Critical Thickness for the Thickness-Dependence of the Domain Width in Ferromagnets.
Phys. Lett. A **29**₃ (1969) 114–15. [\[DOI\]](#)

37. **W.J. ZIĘTEK,**

Analysis of the Standard Long-Wavelength Low-Temperature Approximations in the Spin-Wave Theory of the HEISENBERG Ferromagnet. Part I. WALLACE's Perturbation Methods.

Acta Phys. Polon. **35**₅ (1969) 799–812.

38. **W.J. ZIĘTEK,**

Analysis of the Standard Long-Wavelength Low-Temperature Approximations in the Spin-Wave Theory of the HEISENBERG Ferromagnet. Part II. Standard Perturbation Method.

Acta Phys. Polon. **36**₂ (1969) 145–57.

PUBLIKACJE W MATERIAŁACH KONFERENCYJNYCH

PUBLICATIONS IN CONFERENCE MATERIALS

39. **J. RAFAŁOWICZ,**

Stationary Equation of the Transport of Heat for the Metals in the Case of Non-Linear Temperature Distribution.

In: *The Proceedings of the Eight Conference on Thermal Conductivity*, ed. by C.Y.Ho & R.E.Taylor (New York, NY: Plenum 1969) pp. 373–80.

8th Int.Conf.on Thermal Conductivity, LA FAYETTE, IN, US, 1968.10 07–10

40. **O.J. ŻOGAŁ,**

The Proton KNIGHT Shift in Hydrides of V B Group Metals.

In: *Tagung der Hochfrequenzspektroskopie der Physikalischen Gesellschaft der DDR*, ed. by A.Lösche *et al.* (Leipzig: Sektion Physik der Karl-Marx-Universität, 1969) pp. 322–9.

Tag. Hochfrequenzspektroskopie der Physikalischen Gesellschaft der DDR, LEIPZIG, DD, 1969.?? ??-??

LISTA PREZENTACJI KONFERENCYJNYCH
LIST OF CONFERENCE PRESENTATIONS

1. **K. BALCEREK, L. LIPIŃSKI, E. Pega, J. RAFAŁOWICZ, B. SUJAK,**
Зависимость теплопроводности от теплового потока как следствие непостоянного коэффициента теплопроводности среды. [Dependence of Thermal Conductivity on Heat Flux Resulting from Non-constant Thermal Conductivity Coefficient of Medium.] (C)
VIII Межд. Конф. СЭВ по Физике и Технике Низких Температур [8th CMEA Conf. on Low Temperature Physics & Technology] DRESDEN, DD, 1969.11 25–29
2. **Z. BIEGAŃSKI,**
Low-temperature Heat Capacities of Lanthanum Hydride. (C)
[1st] Int. Conf on Calorimetrical Thermodynamics, WARSAW, PL, 1969.08 31 –.09 04
3. **J. HORN, K. ŁUKASZEWICZ,**
Struktura i uporządkowanie kryształów ZnP_2 . [Structure and Ordering of ZnP_2 Crystals.] (C)
XIV Konwers. Rentgenograficzne [14th Polish Crystallographic Meeting] WROCLAW, PL, 1969.06 20–21
4. **J. KALICIŃSKA, K. ŁUKASZEWICZ, Z. Pruchnik,**
Skład stechiometryczny, stałe sieciowe i grupa przestrzenna fosforu kadmu Cd_7P_{10} . [Stoichiometry, Lattice Constants and Space Group of Cadmium Phosphide, Cd_7P_{10} .] (C)
XIV Konwers. Rentgenograficzne [14th Polish Crystallographic Meeting] WROCLAW, PL, 1969.06 20–21
5. **H. KUBICKA,**
Rhenium and Technetium as Catalysts of Reactions Involving Hydrogen. (C)
2ième Colloque Franco-Polonaise sur la Catalyse, POITIERS, FR, 1969.?? ??–??
6. **J. Leciejewicz, A. Murasik, R. TROĆ,**
Fazy magnetyczne w układzie UAs–USe. [Magnetic Phases in UAs–USe System.] (C)
XIV Konwers. Rentgenograficzne [14th Polish Crystallographic Meeting] WROCLAW, PL, 1969.06 20–21
7. **K. ŁUKASZEWICZ, D. GUZY,**
The Crystal Structure, Phase Transition and Thermal Expansion of Uranium Phosphide UP_2 . (C)
8th Congr. & Gen. Assy of Int. Union of Crystallography, BUFFALO, STONY BROOK, & UPTON, NY, US, 1969.08 07–24
8. **K. ŁUKASZEWICZ,**
Programowanie obliczeń krystalograficznych. [Programs for Crystallographic Calculations.] (L)
XIV Konwers. Rentgenograficzne [14th Polish Crystallographic Meeting] WROCLAW, PL, 1969.06 20–21
9. **B. MAKIEJ,**
O badaniach mechanizmu wystąpienia nadprzewodnictwa. [On the Mechanism of Superconductivity Occurrence.] (L)
XXI Zj. Fizyków Polskich [21st Congr. of Polish Physicists] POZNAŃ, PL, 1969.09 08–13
10. **B. MAKIEJ,**
Investigation of the First and the Second Type Superconductivity in the Institute of Low Temperatures and Structure Research of the Polish Academy of Sciences. (C)
VIII Межд. Конф. СЭВ по Физике и Технике Низких Температур [8th CMEA Conf. on Low Temperature Physics & Technology] DRESDEN, DD, 1969.11 25–29
11. **A. PIETRASZKO,**
Precyzyjne oznaczanie stałych sieciowych i współczynników rozszerzalności termicznej monokryształów na dyfraktometrze RTG. [Precise Determination of Lattice Constants and Thermal Expansion Coefficients of Single Crystals by X-ray Diffractometer.] (C)
XIV Konwers. Rentgenograficzne [14th Polish Crystallographic Meeting] WROCLAW, PL, 1969.06 20–21

12. **B. STALIŃSKI,**

Das Verhalten des Wasserstoffes in Hydriden der Übergangsmetalle. [Hydrogen Content in Transition Metals Hydrides.] (I)

VIII Межд. Конф. СЭВ по Физике и Технике Низких Температур [8th CMEA Conf. on Low Temperature Physics & Technology] DRESDEN, DD, 1969.11 25–29

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The Proton KNIGHT Shift in Hydrides of V B Group Metals. (C)

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