

**Spis publikacji do artykułu „Działalność Naukowa Pracowni
Spektroskopii Optycznej Półprzewodników Instytutu Fizyki
Uniwersytetu Jagiellońskiego. Udział w badaniach z zastosowaniem
promieniowania synchrotronowego”¹**

1967

1. A. Kisiel, *Berkeley Physics Course - the critical review*, Postępy Fizyki, **18**, 608 (1967),
2. A. Kisiel, *Berkeley Physics Course - the critical review*, Acta Phys. Polon **32**, 201 (1967).

1968

3. A. Kisiel, K. Melzacki, G.M. Barrow, *Wstęp do Spektroskopii Molekularnej*, PWN, Warszawa 1968, - Przekład z j. angielskiego,
4. R. R. Gałązka, A. Kisiel, *Badania odbicia światła od powierzchni monokryształów $Cd_xHg_{1-x}Te$ w zakresie energii 1.5 - 4.0 eV* -: I Ogólnopolska Konferencja Fizyki i Technologii Półprzewodników , Warszawa 1968, str. 44 (abstract),

1969

5. R. R. Gałązka , A. Kisiel, *Fundamental Reflectivity Spectra of $Cd_xHg_{1-x}Te$ Crystals from 1.5 to 4.0 eV*, Phys. Status Solidi, **34**, 63, (1969),

1970

6. A. Kisiel, *Fundamental Reflectivity Spectra of $Zn_xCd_{(1-x)}Te$ Crystals in the 2.5 - 4.5 eV Energy Range at Room and Liquid Nitrogen Temperature*, Acta Phys. Polon., **38A**, 691, (1970),

1971

7. A. Kisiel, *Reflectivity of Light for of $Cd_xHg_{1-x}Te$ Single Crystals i the 1.5 to 3.0 eV Energy Range at Room and Liquid Nitrogen Temperature*, Acta Phys. Polon., **39A**, 245 (1971),
8. A. Kisiel, *Widmo odbicia światła dla niektórych półprzewodników grupy II- IV i ich roztworów stałych w zakresie energii 1.7 - 4.5 eV* , Raport Instytutu Fizyki Jądrowej w Krakowie Nr 745/PS,1971,
9. A. Kisiel, *Widmo odbicia światła dla niektórych półprzewodników grup II - IV i ich roztworów stałych w zakresie energii 1.7-4.5 eV, część II* , Raport Instytutu Fizyki Jądrowej w Krakowie Nr 768/PS,1971,

¹ Artykuł ukazał się w Bulletin Synchrotron Radiation in Natural Science, Vol. 14 (number 1-2), xxx 2015

1972

10. A. Kisiel, P. M. Lee, *Relativistic Effects on Energies of Optical Transitions in Cd_xHg_{1-x}Te Alloys*, J. Phys.F, **2**, 395, (1972),
11. A. Kisiel, *Odbicie światła w zakresie energii 2. 2 - 3. 8 eV dla spiekanych próbek of Cd_xHg_{1-x}Te*, Nowoczesne Materiały i Przyrządy Półprzewodnikowe , PWN, 1972 ,str. 14,

1973

12. A. Kisiel, *Widmo odbicia światła w zastosowaniu do badań struktury pasmowej niektórych półprzewodników grup A II-B IV*, Postępy Fizyki , **24/1**, 35 , (1973),
13. A. Kisiel., J.M. Pawlikowski , M. Zimnal, *Współczynniki odbicia od cienkich warstw arsenku cynku Zn₃As₂* , Komunikat Instytutu Fizyki Technicznej Politechniki Wrocławskiej (1973),
- 14 S. A. Ignatowicz, A. Kisiel , B. Pukowska , M. Zimnal, *Fundamental Reflectivity Spectra of the Polycrystalline ZnTe and of Cd_xHg_{1-x}Te Thin Films*, Proc.Internat. Thin Layer Physics, Prague 1973 (abstract),

1974

15. A. Kisiel , B. Pukowska, *Photoelectric Reflectometer with Automatic Data Recording*, Acta Phys. Polon. **A45**, 923, (1974),
16. S. A. Ignatowicz, A. Kisiel , M. Zimnal, *Badanie widm odbicia światła dla cienkich warstw Cd_xHg_{1-x}Te: Materiały IV Ogólnokrajowego Seminarium Związków Półprzewodnikowych AII-BVI*, IF PAN Warszawa (1974),
17. A. Ignatowicz. A. Kisiel, M. Zimnal, *Investigation of the Spectra of Light Reflected of Cd_xHg_{1-x}Te Thin Films*, Thin Solid Films **21**, 231 (1974),

1975

18. A. Kisiel, M. Zimnal, J. M. Pawlikowski, *Współczynniki odbicia od cienkich warstw arsenku cynku Zn₃As₂*: Proc. I National Symposium "Fizyka cienkich warstw " Szczyrk 1973, PWN Warszawa 1975 str. 200,
19. A. Kisiel, M. Podgórnny, A. Rodzik, W. Gariat, *Temperature dependence of E₁ and E₁+Δ₁ maxima in the fundamental reflection Cd_xHg_{1-x}Te solid solutions*, Phys. Stat. Sol. (b) **70**, 767 (1975),
20. A. Kisiel, M. Podgórnny, A. Rodzik, W. Gariat, *Fundamental reflection of Cd_xHg_{1-x}Te crystals in the 1.9 to 3.1 eV energy range*, Phys. Stat. Sol. (b) **71**, 457 (1975),

1976

21. A. Kisiel , B. Pukowska, Z.Tomkowicz, S.A. Ignatowicz, B. Spirydowicz-Nowak, *Optical Properties of ZnTe Thin Films*, Thin Solid Films, **34**, 399, (1976),
22. A. Kisiel, M. Zimnal -Starnawska, S. A, Ignatowicz, J. Piotrowski, *Dependence of the Optical Properties of Thin Films of Cd_xHg_{1-x}Te*, Thin Solid Films, **37**, L35 (1976),

23. A. Kisiel, M. Podgórnny, A. Rodzik, *Dependence of Reflectivity Spectra of $Cd_xHg_{1-x}Te$ on Composition and Temperature in the 0.0 x 0.17 Composition Range*, Proc. VI-th Seminar on II- VI Semiconductor Compounds., Jaszowiec 1975 Prace IF PAN **69**, 329 (1976),

1977

24. A. Bianconi, E. Burattini, A. Kisiel, P. Perfetti, *Opór elektryczny wygrzewanych i nie wygrzewanych cienkich warstw palladu nasyconego wodorem*, Proc. II National Symposium "Fizyka cienkich warstw", Szczyrk 1975, PWN Warszawa, 1977 str. 362,
25. A. Kisiel, B. Pukowska, Z. Tomkowicz, S.A. Ignatowicz, B. Spirydowicz-Nowak, *Wpływ naprężeń na widmo fundamentalnego odbicia cienkich warstw ZnTe*, Proc. II National Symposium "Fizyka cienkich warstw" Szczyrk 1975, PWN Warszawa, 1977 str. 529,
26. A. Kisiel, M. Zimnal- Starnawska, S. A. Ignatowicz, J. M. Pawlikowski, J. Piotrowski, *Porównanie optycznych własności cienkich warstwa epitaksjalnych $Cd_xHg_{1-x}Te$* : Proc. II National Symposium "Fizyka cienkich warstw" Szczyrk 1975, PWN, Warszawa (1977) str.590,
27. K. Kamicka- Mościcka, A. Kisiel, L. Żdanowicz, *Widma odbicia światła dla cienkich warstw Cd_3As_2* , Proc. II National Symposium "Fizyka cienkich warstw" Szczyrk 1975, PWN Warszawa, 1977 str. 595,
28. A. Bianconi, E. Burattini, A. Kisiel, P. Perfetti, *The Electrical Resistance of Unannealed and Annealed Hydrogen Saturated Palladium Thin Films* -: Report of the Institute of Physics Jagiellonian University, Kraków, No. SSP UJ - 13/77, 1977, str. 1,
29. F. Antonangeli, A. Balzarotti, A. Bianconi, E. Burattini, P. Perfetti, A. Kisiel, *Influence of the Hydrogenation on the Electrical Resistance of Palladium Thin Films*, Phys. Stat. Sol. **A 42**, K41, (1977),
30. A. Kisiel, M. Turowski, T. Czeppe, W. Gariat, *Fundamental Reflectivity of $CdIn_2S_4$, $ZnIn_2S_4$ and $CuInS_2$ in 2.0 - 5.0 eV Energy Range*, Inst.Phys. Conf. Ser. No 35, 259, (1977),
31. A. Kisiel, B. Pukowska, J. K. Viscakas, A. Žyндulis, *Porównanie widm odbicia fundamentalnego monokryształów i cienkich warstw CdSe w zakresie 3.0-5.5 eV*, Proc. VII-th Seminar. on Semiconductivity, II - VI Semiconducting Compounds, Jaszowiec 1977,
32. B. Oleś, A. Kisiel, *Ni-Ge Schottky Diodes in Application to the Electro-reflectance Measurements*, Report Inst.Phys. Jagellonian University, Cracow SSP UJ 12/77, 1977,
33. A. Kisiel, *Sprawozdanie z XIII Międzynarodowej Konferencji Fizyki Półprzewodników w Rzymie*, Postępy Fizyki, **28**, 444 (1977),
34. A. Kisiel, *Spektroskopia optyczna w próżniowym nadfiolecie*, Postępy Fizyki **28**, 515 (1977),
35. F. Casula, A. Kisiel, *Band Structure and Optical Transitions Mixed Crystals $Cd_xHg_{1-x}Te$* , II Nuovo Cimento, **38 B**, 470 (1977),
36. A. Kisiel, B. Oleś, *The Influence of Light Beam on the Electroreflectance Spectra of Germanium*, Phys.Stat.Sol.b, **83**, K35,(1977),

37. K. Karnicka-Mościcka, A. Kisiel, *Fundamental Reflectivity Spectra of Cd₃As₂ Thin Films in the 1.0 - 5.9 eV Energy Range* -: Proc.T^h Intern. Congr. and 3rd Conf. Solid Surfaces, Vienna, 1977, str.1821,
38. E. Czarnecka-Such , A. Kisiel, J. Szczyrbowski, *Influence of the Disorder on the ZnTe Reflection Spectra*, Proc. 7th Intern. Vac. Congr. and 3th Conf. Solid Surface, Vienna, 1977 str. 1655,

1978

39. B. Oleś, A. Kisiel, *Ni-Ge Schottky diodes in application to the elektro-reflectance measurements*, Optica Applicata **VIII**/2, 65 (1978),

1979

40. A. Kisiel, M. Podgórnny, A. Rodzik, M. Turowski, *Two-beam photoelectric vacuum reflectometer for vacuum ultra-violet range with automatic data recording*, Optica Applicata **IX**/4, 249 (1979),
41. Z. Kossakowska - Kisiel, A. Kisiel, E. Czarnecka – Such, S. A. Ignatowicz, A. Szummer, *Investigations of Surface Irregularities of Aluminium Thin Films Evaporated onto Rough Quartz Substrates*, Thin Solid Films, **60**, 45, (1979),
42. E. Czarnecka- Such, A. Kisiel, Z. Kossakowska - Kisiel, S. A. Ignatowicz, *Reflectivity Spectra of Al, Ag, and Cr Thin Films evaporated in Vacuum on Rough Monocrystalline Quartz Substrate* Abstracts of 2th National Autumn School on Physycs of Thin Films, Szczyrk, October 1979, PI-18, str.37,
43. A. Kisiel, M. Zimnal - Starnawska, S. A. Ignatowicz, J. M. Pawlikowski, J. Piotrowski, *Comparison of the optical properties of the epitaxial and textured films of Cd_xHg_{1-x}Te*, Abstracts of 2th National Autumn School on Physycs of Thin Films, Szczyrk, October 1979, PI-18, str.386,
44. Z. Kossakowska - Kisiel, E. Czarnecka -Such, A. Kisiel, S. A. Ignatowicz, *Surface Irregularities of Aluminium Thin Films Evaporated on Rough Quartz Substrates*, Conference Karlowe Vary, Czechoslovakia ,June,1979 (extended abstract), Proc.Surface Analysis 1979,
45. B. Pukowska, A. Kisiel, S. A. Ignatowicz, *Dependence of Reflectivity Spectra of ZnTe Thin Films on Evaporated Technology*,: Abstracts 1-st National Autumn School on Physics of Thin Films, Szczyrk, October 1979, PIV-20, str.107,
46. S. A. Ignatowicz, A. Kisiel, Z. Kossakowska - Kisiel, *Badanie nierówności powierzchni cienkich warstw aluminium naporowanych na chropowate podłoża kwarcowe*, Prace Instytutu Tele-Radiotechnicznego, Warszawa 1979,
47. A. Kisiel, A. Rodzik, M. Turowski, Z. Tomkowicz, *Wpływ temperatury na współczynnik odbicia i współczynnik absorpcji dla monokryształów CdF₂ w zakresie energii 5.5 - 8.6 eV*:- Proc. of Meeting of Polish Physical Society, Toruń, September 1979 I, str.94,
48. M. Podgórnny, M. T. Czyżyk, *The band structure and optical properties of the Cd_xHg_{1-x}Te mixed crystals*, Solid State Commun. **32**, 413 (1979),

1980

49. Z. Kossakowska - Kisiel, E. Czarnecka - Such, A. Kisiel, S. A. Ignatowicz, Z. Goliger, *Surface Irregularities of Al, Ag nad Cr Thin Films Evaporated in Vacuum*, Proc. 8th Intern. Vacuum Congres, Cannes, vol.I, Thin Films, Ed.F.Abel and M.Croset, Paris 1980, str.378,
50. E. Czarnecka - Such, A. Kisiel, B. Pukowska, Z. Kossakowska - Kisiel, J. Lisiecki, S. Zbroja, S. A. Ignatowicz, *Własności warstw srebra naporowanych na chropowate podłoża z kwarcu krystalicznego*, Materiały 1-ej Konferencji Naukowej "Technologia Elektronowa" Wrocław, 1980, Prace Naukowe Politechniki Wrocławskiej Nr 24, Wrocław (1980) str.475,
51. Z. Kossakowska - Kisiel, A. Kisiel, S. A. Ignatowicz, E. Czarnecka - Such, *Mechaniczna i optyczna analiza nierówności powierzchni kwarcowych elementów piezoelektrycznych*, Konferencja" Fizyka dla przemysłu " Kraków, wrzesień 1980,
52. A. Kisiel, B. Oleś, *Comparison of Light Influenced Electroreflectance Spectra Measured by Electrolyte and Schottky Barrier Techniques*, Phys.Stat.Sol(b),**98**, K121 (1980),
53. M. T. Czyżyk, M. Podgorny, *Energy bands and optical properties of HgTe and CdTe calculated on the basis of the tightbinding model with spin-orbit interaction*, Phys. Stat. Sol. (b) **98**, 507 (1980),
54. M. Podgorny, C. Wijers, *The band structure of NiSb*, Solid State Commun. **34**, 233 (1980),
55. A. Kisiel, B. Pukowska, S. A. Ignatowicz, *Effect of Internal Stresses on the Fundamental Reflectivity Spectra of ZnTe Thin Films*, Thin Solid Films, **67**, 57, (1980),
56. A. Kisiel, A. Rodzik, *Temperature Dependence of Cd_xHg_{1-x}Te Reflectivity Spectra in the 4.5 - 8.6 eV Energy Range -*, Proc.IV Internat. Conf. Vacuum Ultra -Violet Radiation Physics, Vol. I, Solid State Physics, Univ. of Virginia, Charlottesville, Virginia, USA, 1980, str. I-43,
57. A. Kisiel, A. Rodzik, M. Turowski, *Anomalous Temperature Dependence of Reflection Coefficient for Single-Crystalline CdF₂ in the 5.5-8.6 eV Energy Range -*, Proc. IV Intern. Conf. Vacuum Ultra - Violet Radiation Physics, Vol.I, Solid State Physics, Univ. of Virginia, Charlottesville, Virginia, USA, 1980, str. I-89,

1981

58. A. Kisiel, B. Pukowska, M. Turowski, *Napężenia wewnętrzne w monokryształach i cienkich warstwach ZnTe*, , Prace Instytutu Fizyki PAN No. **82**, 192, (1981),
59. A. Kisiel, A. Rodzik, *Fundamentalne odbicie dla monokryształów CdTe, HgTe, i roztworów Cd_xHg_{1-x}Te w zakresie energii 5.5 - 8.6 eV i w temperaturach 300 - 100 K*, Prace Instytutu Fizyki PAN **82**, 185, (1981),
60. A. Kisiel, B. Pukowska, A. Rodzik, M. Czyżyk, W. J. Potykiewicz, *Odbicie światła w zakresie 2.0 - 8.5 eV i struktura pasmowa ZnTe*, Prace Instytutu Fizyki PAN No. **82**, 198, (1981),
61. B. Pukowska, A. Kisiel, S. A. Ignatowicz, *Dependence of Reflectivity Spectra of ZnTe Thin Films on Evaporation Technology*, Proc. 1st National Autumn School, Szczyrk 1979 Polish Sci. Publishers, Warszawa 1981, str. 477,

62. B. Pukowska, A. Kisiel, S. A. Ignatowicz, *The Influence of Preparation Techniques on the Fundamental Reflectivity Spectra of Thin ZnTe Films*, Thin Solid Films, **76**, 107 (1981),

1982

63. M. Podgorny, J. Oleszkiewicz, *Electronic structure of the antiferromagnetic MnTe*, Laboratori Nazionali di Frascati, Frascati, Report LNF- 82/49(R) 1982,
64. F. Antonangeli, A. Balzarotti, N. Motta, A. Kisiel, M. Zimnal- Starnawska, S. A. Ignatowicz, *Studi EXAFS di CdTe e Composi misti del sistema Cd_xMn_{1-x}Te*, Bolletino della Societa Italiana di Fisica, **127**, 153 (1982),
65. K. Karnicka- Mościcka, A. Kisiel, *Surface Roughness as Possible Explanation of Differences in Fundamental Reflectivity Spectra of Cd₃As₂*, Surface Science, **121**, L545 (1982),
66. K. Karnicka-Mościcka, A. Kisiel, L. Żdanowicz, *Fundamental Reflectivity Spectra of Monocrystalline and Polycrystalline Bulk Cd₃As₂*, Solid State Commun. **44**, 373 (1982),
67. K. Karnicka- Moscicka, A. Kisiel, L.Żdanowicz, *Fundamental Reflectivity Spectra of Amorphous and Polycrystalline Cadmium Arsenide Thin Films*, Proc.Conf, Phys. 1982, Physics of Semiconducting Compounds, Institute of Physics Polish Acad. Sci., **4**, 97, (1982),
68. A. Kisiel, *Laser Spectroscopy of Solids in Topics in Applied Physics, vol. 49, ed. W.M. Yen and P.M. Selzer, Springer-Verlag, Berlin, 1981 - recenzja*, Optica Applicata, **XII**, 519 (1982),

1983

69. J. Oleszkiewicz, M. Podgórnny, A. Rodzik, A. Kisiel, *Reflectivity of MnTe*, Proc. of Conf. in Phys. Vol. **6**, str.457, Ossolineum Warszawa (1983),
70. F. Antonangeli, A. Balzarotti, N. Motta, A. Kisiel, M. Piacentini, M. Zimnal - Starnawska, W.Giriati, *Structural Properties of Cd_xMn_{1-x}Te by EXAFS*, Proc. Internat. Conf. on EXAFS and Near Edge Structures, Frascati 1982, Sprenger-Verlag, Berlin 1983, str. 224,
71. E. Czarnecka -Such, A. Kisiel, *Analysis of Reflectivity Spectra of Silicon Implanted by 40 and 70 keV Silicon Ions*, Proc. of Conf.in Phys. Polish Acad. Sci. Vol. **6**, str.460, Ossolineum Warszawa 1983,
72. K. Karnicka – Mościcka, A. Kisiel, L. Żdanowicz, *Fundamental Reflectivity Spectra of Cd₃As₂ Thin Films*, Thin Solid Films, **101**, 115 (1983),
73. A. Rodzik, A. Kisiel, *Reflectivity Spectra of Monocrystalline Cd_xHg_{1-x}Te as a Function of Composition and Temperature*, J.Phys.C, Solid State Phys. **16**, 203 (1983),
74. M. Turowski A. Kisiel, R. D. Tomilson, *Optical Properties of Some I -III-VI₂ Ternary Chalcopirite Compounds*, II Nuovo Cimento **2D**, 2064 (1983),
75. M. Podgórnny, J. Oleszkiewicz, *Electronic structure of the anti-ferromagnetic MnTe*, J. Phys. **C16**, 2547 (1983),

76. M. Zimnal - Starnawska, M. Podgórný, A. Kisiel, W. Girit, M. Demianiuk, J. Źmija, *Reflectivity Spectra of $Cd_{1-x}Mn_xTe$, $Zn_{1-x}Mn_xS$ and $Zn_{1-x}Mn_xSe$, in the 0.7 - 8.1 eV Energy Range* -, J. Phys. C. **17**, 615 (1984),
77. A. Balzarotti, A. Kisiel, N. Motta, M. Zimnal-Starnawska, M. T. Czyżyk, M. Podgórný, *A Model of the Local Strcncture of Random Ternary Alloys : Experiment versus Theory*, Laboratori Nazionali di Frascati, Frascati, Report LNF - 84123 (P) (1984), str.1,
78. A. Balzarotti, M. T. Czyżyk, A. Kisiel, N. Motta, M. Podgórný, M. Zimnal-Starnawska, *Local Structure of Ternary Semiconducting Random Solid Solutions Extended X-Ray Absorption Fine Structure of $Cd_{1-x}Mn_xTe$* , - Phys. Rev., B. **30**, 2295 (1984),
79. A. Balzarotti, M. T. Czyżyk, A. Kisiel, P. Letardi, N. Motta, M. Podgórný, M. Zimnal-Starnawska, *The Local Structure of Random Ternary Alloys by EXAFS*-, Bolletino della Societa Italiana di Fisica, **133**, 67 (1984),
80. A. Balzarotti, M. T. Czyżyk, A. Kisiel, N. Motta, M. Podgórný, M. Zimnal- Starnawska, *Local Coordination of the Random Semiconducting Alloys $Cd_{1-x}Mn_xTe$ by EXAFS*, Extended Abstract of Internat. Conf. on X-Ray Inner-Shell Processes in Atoms, Molecules and Solids, Leipzig, 1984, str. 29,
81. M. Turowski, A. Kisiel, W. Girit, *Reflectivity Spectra of $CdIn_2S_4$, $ZnIn_2S_4$, $ZnGe_2Se_4$ and $CdGa_2S_4$* , J.Phys. C. **17**, L661 (1984),
82. A. Kisiel, B. Pukowska, M. Turowski, *Deformation Effect in Fundamental Reflectivity Spectra of ZnTe Thin Films and Single Crystals*,: Optica Applicata, **14**, 231 (1984),
83. A.Kisiel, *Presentations: Laboratory of Optical Spectroscopy of Semiconductors, Department of General Physics, Institute of Physics, Jagiellonian University, Cracow, Poland*, Optica Applicata, **XIV**, 287 (1984),
84. K. Jezierski, A. Kisiel, *Modification of the reflectivity curve of GaTe in the Kramers-Kronig analysis*, Optica Applicata, **XIV**, 529 (1984),
85. M.T.Czyżyk, M.Podgórný; *On the warping corrections to the muffin-tin potential*; J. Phys. C **17**, 815 (1984).
86. A. Rodzik, *Wybrane zagadnienia z fizyki ciała stałego*, red. A. Szytula, skrypt, **482**, Uniwersytet Jagiellonski, Krakow, (1984),
87. R. A. Riedel, M. Turowski, G. Margaritondo, P. Perfetti, *Experimental test of the existence of photoemission resonances*, Phys. Rev., **B30**, 6815 (1984),
88. M. Turowski, W. K. Kelly, G. Mardaritondo, R. D. Tomlinson, *Direct confirmation of the conduction band lineup in the $CuInSe_2 - CdS$ heterojunction solar sell*, Appl. Phys. Lett., **44**, 768 (1984),
89. N. G. Stoffel, M. Turowski, G. Mardaritondo, *Interface morphology of Al, Ge and In overlayers on GaAs(100) by polar angle resolved photoemission*, Phys. Rev., **B30**, 3294 (1984),

90. R. A. Riedel, M. Turowski, G. Margaritondo, P. Perfetti, *Coment on resonant photoemission from Si*, Phys. Rev. Lett., **52**, 1560 (1984),
91. R.A. Riedel, M. Turowski, G. Margaritondo, P. Perfetti, *Resonant photoemission from Si*, Bull.Amer.Phys. Soc., **29**, No 3, (1984),
92. R. A. Riedel, M. Turowski, G. Margaritondo, P. Perfetti, C. Quaresima, *Oxidation of amorphous silicon and germanium: Photoemission evidence for high oxidation states*, J. Appl. Phys., **55**, 3199 (1984),

1985

93. M. Turowski, G. Margaritondo, M. K. Kelly, *Photoemission studies of CuInSe₂ and their interfaces with Si and Ge*, Phys. Rev., **B34**, 1022 (1985),
94. Z. Porada, A. Rodzik, E. Schabowska, *Badanie własności CdS pod kątem możliwości ich zastosowania w potencjometrach beztrząskowych*, Zeszyty Naukowe AGH nr 897, seria Automatyka, vol. **28**, Kraków (1985),
95. J. Oleszkiewicz, M. Podgórnny, J. Knapik, A. Kisiel, *The Computer On - Line Technique for Measurements with the Two-Beam Photoelectric Reflectometer*, Optica Applicata, **15**, 163 (1985),
96. A. Balzarotti, M. T. Czyżyk, A. Kisiel, P. Letardi, N. Motta, M. Podgórnny, M. Zimnal - Starnawska, *EXAFS of Cd_{1-x}Zn_xTe : A Test of the Random Distribution in Zincblende Ternary Alloys*, Festkorperprobleme XXV, Advances in Solid State Physics, **25**, 689 (1985),
97. N. Motta, A. Balzarotti, P. Letardi, A. Kisiel, M. T. Czyżyk, M. Zimnal- Starnawska M. Podgórnny, *EXAFS of Cd_{1-x}Zn_xTe: A test of the Random Distribution in Zincblende Ternary Alloys*, Solid State Commun. **53**, 509 (1985),
98. M. Podgórnny, M. Czyżyk, A. Balzarotti, P. Letardi, N. Motta, A. Kisiel, M. Zimnal- Starnawska, *Crystallographic Structure of Semiconducting Alloys*, Solid State Commun., **55**, 413 (1985),
99. N. Motta, A. Balzarotti, P. Letardi, A. Kisiel, M. T. Czyżyk, M. Zimnal-Starnawska, M. Podgórnny, *Random Distribution and Miscibility of Cd_{1-x}Zn_xTe Alloy from EXAFS*, J. Cryst. Growth, **72**, 205 (1985),
100. A. Balzarotti, N. Motta, A. Kisiel, M. Zimnal- Starnawska, M. T. Czyżyk, M. Podgórnny, *Model of The Local Structure of Random Ternary Alloys : Experiment Versus Theory*, Phys. Rev. **B31**, 7526 (1985)
101. A. Balzarotti, M. T. Czyżyk, A. Kisiel, N. Motta, M. Podgórnny, M. Zimnal- Starnawska, *The Local Structure of Random Ternary Alloys : Experiment versus Theory*, Proc. 17 th Internat.Conf. on Physics of Semiconductors, San Francisco 1984 Ed. J.D.Chadi, W.A.Harrison, str. 807, 1985.
102. A. Balzarotti, A. Kisiel, N. Motta, M. Zimnal- Starnawska, M. Czyżyk, M. Podgórnny, *The Local Structure of Random Ternary Alloys by EXAFS*, Internat. Conf. on Ternary and

Multinary Compounds, Caracas 1984, Progress in Crystalline Growth and Characterization **10**, 55 (1985),

103. A. Kisiel, A. Rodzik, *The Study of Many Body Effects in $Cd_{1-x}Fe_xTe$ and $Cd_{1-x}Mn_xTe$* , 5-th General Conf. of the Condensed Matter Division of the EPS, Berlin West 1985, Abstract PFr-04-057 (1985),
104. N. Motta, A. Balzarotti, P. Letardi, A. Kisiel, M. Czyżyk, M. Zimnal - Starnawska M. Podgórný, *EXAFS of $Cd_{1-x}Zn_xTe$ A Test of the Random Distribution in Zincblende Ternary Alloys*, 5 th General Conf. of the Condensed Matter Division of the EPS, West Berlin 1985, Abstract SCP - 19 (1985),
105. N. Motta, A. Balzarotti, P. Letardi, A. Kisiel, M. T. Czyżyk, M. Zimnal-Starnawska, M. Podgórný *EXAFS of $Cd_{1-x}Zn_xTe$: A Test of the Random Distribution in Zincblende Ternary Alloys*, Second Internat. Conf. on II - VI Compounds, Ausseis 1985 Abstract PW 24, (1985),

1986

106. N. Motta, A. Kisiel, M. Zimnal - Starnawska, M. T. Czyżyk, M. Podgórný, A. Balzarotti, P. Letardi, *Thermodynamic Properties of Ternary Semiconducting Alloys*, Raport ROM 2 F/85/017 Dipartimento di Fisica II Universita Roma Tor Vergata (1985) 1986,
107. M. T. Czyżyk, M. Podgórný, A. Balzarotti, P. Letardi, N. Motta, A. Kisiel, M. Zimnal-Starnawska, *Thermodynamic Properties of Ternary Semiconducting Alloys*, Z.Phys. B, Condensed Matter, **60**, 153 (1986),
108. A. Kisiel, M. Zimnal – Starnawska, F. Antonangeli, M. Piacentini, N. Zema, *d-Core Transitions in ZnTe, CdTe and HgTe*, VUV -8 Vacuum Ultraviolet Radiation Physics Internat. Conf. Lund 1986, II Solid State Phys. Abstracts, ed. P.O.Nilson Chalmers University and Technology, Geteborg (1986) str. 165, Abstract,
109. A. Kisiel, J. Oleszkiewicz, A. Rodzik, F. Antonangeli, M. Piacentini, N. Zema, A. Balzarotti, A. Mycielski, *The Influence of Mn 3d, on $Cd_{1-x}Mn_xTe$ Fundamental Reflectivity*, Conf. Proc. Vol.5, Synchrotron Radiation at Frascati, 1986 User Meeting, 1986 Ed. S. Mobilio, F. Patella, S. Stipcich, , Italian Physical Society, Bologna – Italy, 1986 str. 167, Abstract,
110. A. Kisiel, M. Zimnal- Starnawska, F. Antonangeli, M. Piacentini, N. Zema, *d-Core Transitions in ZnTe, CdTe and HgTe*, II Nuovo Cimento **8D**, 436 (1986),
111. M. Podgórný, G. Wolfgarten, J. Pollmann, *The band structure of Si Ge alloys: the self-consistent virtual-crystal approximation*, J. Phys. C **19**, L141 (1986),
112. M. Podgórný, D. Wagner, *Strukturelle und magnetische Phasenübergänge in Übergangsmetall-Legierungen und Verbindungen*, , Elektronische Struktur von Übergangsmetallen; Sonderforschungsbereich 166, Arbeits- und Ergebnisbericht 1984-1986, str.65,Duisburg-Bochum 1986,

1987

113. A. Kisiel, J. Oleszkiewicz, A. Rodzik, F. Antonangeli, M. Piacentini, N. Zema, A. Balzarotti, A. Mycielski, *The Influence of 3d Mn Electrons on the $Cd_{1-x}Mn_xTe$ Fundamental Reflectivity Spectra*, Acta Phys.Pol. **A71**, 231 (1987),

114. J. Oleszkiewicz, A. Kisiel, A. Rodzik, *A Modification of CdMnTe Reflectivity Spectra by Mn Density of States*, Solid State Commun., **63**, 77 (1987),
115. A. Kisiel, M. Piacentini, F. Antonangeli, J. Oleszkiewicz, A. Rodzik N. Zema, A. Mycielski, *Room Temperature Fundamental Reflectivity Spectra of the Cd_{1-x}Mn_xTe in 0.5-30eV Energy Range*, J.Phys. C, Solid State Phys. **20**, 5601 (1987),
116. M.Podgórnny and Czyżyk, *Comment on "Atomic Structure and Ordering in Semiconducting Alloys"*, Phys.Rev. B **36**, 2897 (1987),

1988

117. M. Podgórnny, *Electronic Structure of Ordered Ferro and Antiferromagnetic Phases of Cd_{1-x}Mn_xTe Semimagnetic Semiconductors*, Z. Phys. B, Condensed Matter **69**, 501 (1988),
118. E. Czarnecka -Such, A. Kisiel, *Analysis of Reflectivity Spectra of Silicon Implanted with 70 keV B, Si and Ag Ions*, Surface Science **193**, 221 (1988),
119. J. Oleszkiewicz, A. Kisiel, S. A. Ignatowicz, *Optical Properties and Dielectric Function of the Manganese Telluride Thin Films*, Thin Solid Films **157**, 1 (1988),
120. A. Kisiel, G. Dalba, P. Fornasini, M. Podgórnny, J. Oleszkiewicz, F. Rocca, E. Burattini, *X-Ray Absorption Spectroscopy of ZnTe, CdTe and HgTe: Experimental and Theoretical Study of Near -Edge Structures*, Proc. 19th Internat. Conf. on the Physics of Semiconductors, Warsaw, ed. W. Zawacki, Institute of Physics, Polish Academy of Sciences, str.921 (1988),
121. E. Czarnecka-Such, A. Rodzik, A. Kisiel, G. Dalba, P. Fomasini, *Reflectivity Spectra Analysis of SbS₆₀ and Sb₂S₂ Non-Crystalline Thin Films*, Solid State Commun. **69**, 569 (1989),
122. D. Dębowska, A. Kisiel, A. Rodzik, F. Antonangeli, N. Zema, M. Piacentini, W. Giriat, *Zn_{1-x}Mn_xTe Fundamental Reflectivity Spectra in the 0.5-10.0 eV Energy Range*, Solid State Commun., **70**, 699 (1989),
123. A. Kisiel, G. Dalba, P. Fornasini, M. Podgórnny, J. Oleszkiewicz, F. Rocca, E. Burattini, *X-Ray Absorption Spectroscopy of ZnTe, CdTe and HgTe Experimental and Theoretical Study of Near-Edge Structures*, Phys. Rev., **B39**, 7895 (1989),
124. A. Kisiel, M. Piacentini, F. Antonangeli, N. Zema, A. Mycielski, *Cd_{1-x}Fe_xTe Room Temperature Fundamental Reflectivity Spectra in 4-10 eV Energy Range*, Solid State Commun., **70**, 693 (1989),
125. M. T. Czyżyk, R. A. de Groot, G. Dalba, P. Forasini, A. Kisiel, F. Rocca, E. Burattini, *Ag₂O Band Structure and X-Ray Absorption Near - Edge Spectra*, Phys.Rev., **B39**, 9831 (1989),
126. A. Kisiel, J. Oleszkiewicz, M. Podgórnny, G. Dalba, F. Rocca, E. Burattini, *The X-Ray Absorption Spectroscopy of Cd_{0.5}Mn_{0.5}Te and MnTe*, Proc. IV Internat. Conf. on II-VI Compounds ,Berlin(West), (1989) ,Abstract,
127. A. Kisiel,A.-I.Daar, P. M. Lee, G. Dalba, P .Fornasini, E. Burattini, *X Ray Near Edge Structure of the II-VI Group Ternary Compounds : Experimental and Theoretical Studies of*

CdHgTe and CdZnTe, Proc. 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research, Rome (1989), - Abstract,

128. A. Kisiel A.-I.Daar, P. M. Lee, P. Fornasini, F. Rocca, E. Burattini, *X-Ray Near Edge Structure of the II - VI Group Ternary Compounds with Manganese: Experimental and Theoretical Studies of CdMnTe and ZnMnTe*, Proc. 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research, Rome (1989) – Abstract,
129. J. Oleszkiewicz, M. Podgórný, A. Kisiel, G. Dalba, F. Rocca, E. Burattini, *The X-Ray Absorption Spectroscopy of Cd_{0.5}Mn_{0.5}Te*, Proc. 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research, Rome (1989) – Abstract,
130. M. Podgórný, *Spectroscopic and bonding characteristics of high and low-spin phases of fcc iron*, J. Mag. Mag. Mat., **78**, 352 (1989),
131. M. Podgórný, *Electronic structure and ground state properties of Pt-Fe and Ni-Fe Alloys*, Physica B **161**, 110 (1989),
132. M. Podgórný, *Fixed-Spin-Moment Method and canonical band theory*, Physica B **161**, 105 (1989),
133. K. Wyrzykowski, A. Rodzik, B. Baranowski, *Optical Transmission and Reflection of PdH_x Thin Film*, J. Phys. Condensed Matter **1**, 2269 (1989),
134. J. Konior, C. Jędrzejek, *MSA Equations for a Symmetric Hard-Core Two-Yukawa Mixture*, Physica A **161**, 339 (1989),
135. J. Konior, *Analytical Formulation of the Optimized-Random-Phase Approximation for a Hard-Core Yukawa Fluid*, Mol. Phys. **68**, 129, (1989),
136. M. Podgórný, A. Kisiel, J. Oleszkiewicz, G. Dalba, F. Fonasini, E. Burattini, *Conduction Band Structure of the Hexagonal and Cubic Phases of MnTe*, . Proc. 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research ,Rome (1989) – Abstract,

1990

137. A. Rodzik, F. Rocca, A. Kisiel, E. Czarnecka -Such, G. Dalba, P. Fornasini, *Transmission and Reflectivity Studies of (AgI)_x(Ag₂O)_{1-x} glasses in the 0.5-5.9 eV Energy Range*, J.Non - Crystalline Solids **122**, 151 (1990),
138. A. Kisiel, J. Oleszkiewicz, M. Podgórný, G. Galba, F. Rocca, E. Burattini, *The X-ray Absorption Spectroscopy of CdMnTe and MnTe*, J. Cryst. Growth, **101**, 237 (1990),
139. A. Kisiel, A.-I. Ali Dahr, P. M. Lee, G. Dalba, P. Fornasini, E. Burattini, *X-Ray Near Edge of the II - VI Group Ternary Compounds : Experimental and Theoretical Studies of CdHgTe and CdZnTe*, Phys. Rev. **B 42**, 11114 (1990),
140. J. Oleszkiewicz, M. Podgórný, A. Kisiel, G. Dalba, F. Rocca, E. Burattini, *The X-ray Absorption Spectroscopy of CdMnTe*, Acta Phys. Pol. **A77**, 199 (1990),
141. A. Kisiel, A.-I. Ali Dahr, P. M. Lee, G. Dalba, P. Fornasini, E. Burattini, *XANES of the II-VI Group Ternary Compounds: Experimental and Theoretical Studies of Te L Edges for*

Cd_{0.5}Hg_{0.5}Te and Cd_{0.5}Zn_{0.5}Te, Conference Proc. "2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research ", vol. **25**, ed. A. Balerna, E. Bernieri, S. Mobilio, SIF, Bologna 1990, str.851,

142. A. Kisiel, A.-I. Ali Dahr, P. M. Lee, G. Dalba, P. Fornasini, F. Rocca, E. Burattini, *XANES of the II-VI Group Ternary Compounds with Manganese: Experimental and Theoretical Studies of Cd_{1-x}Mn_xTe and Zn_{1-x}Mn_xTe*, Conference Proc. "2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research", vol. **25**, ed. A. Balerna, E. Bernieri, S. Mobilio, SIF Bologna 1990, str. 855,
143. M. Podgórnny, A. Kisiel, J. Oleszkiewicz, G. Galba, P. Fornasini, E. Burattini, *The Conduction Band Structure of the Hexagonal and Cubic Phases of MnTe*, Conference Proc. 2nd European Conf. on Progress in X-Ray Synchrotron Radiation Research , vol. 25, ed. A. Balerna , E. Bernieri, S. Mobilio, SIF, Bologna 1990, str. 859,
144. J. Oleszkiewicz, M. Podgórnny, A. Kisiel, G. Dalba, F. Rocca, E. Burattini; *X-Ray Absorption Spectroscopy of CdMnTe*; Conference Proc. " 2ndEuropean Conf. on Progress in X-Ray Synchrotron Radiation Research " vol, 25,ed. A. Balerna, E. Bernieri, S. Mobilio, SIF, Bologna 1990 str. 863,
145. J. Oleszkiewicz, M. Podgórnny, A. Kisiel, G. Dalba, P. Fornasini, F. Rocca, E. Burattini, *The Study of CdMnTe and MnTe by XANES Spectroscopy*, Proc. 2nd Internat. Seminar on Z-Ray and Electron Spectroscopy, Maðralin 1989, ed. Institute of Phys. Pol. Acad. Sci. Warsaw 1990, str. 43,
146. M. Podgórnny, J. Goniakowski, *Magnetism of hexagonal 3d transition metals*, Phys. Rev., **B42**, 6683 (1990),
147. M. Podgórnny, *Electronic structure of ordered phases of Ni-Fe alloy*, Acta Phys. Pol., **A78**, 941, (1990),
148. J. Konior, C. Jędrzejek, *Critical Behavior in MSA for a Symmetric Yukawa Mixtur*, Z. fur Phys. **B 80**, 125, (1990),
149. A. N. Das, J. Konior, D. K. Ray, *Hole-phonon Interaction in a Strongly Correlated Hubbard System*, Physica C, **170**, 215 (1990),

1991

150. D. Dębowska, A. Kisiel, M. Zimnal-Starnawska, F. Antonangeli, M. Piacentini, N. Zema, *Odbicie Światła i Fotoemisja Rezonansowa dla CdFeSe*, I Krajowe Sympozjum Użytkowników Promieniowania Synchrotronowego, Kraków, 11 i 12 Lutego 1991, str. 6 Abstrakt,
151. A. Kisiel, J. Oleszkiewicz, M. Podgórnny, P. M. Lee, G. Dalba, P. Fornasini, F. Rocca, E. Burattini, *XANES Związków Półprzewodnikowych Grupy II-VI*, I Krajowe Sympozjum Użytkowników Promieniowania Synchrotronowego, Kraków, 11 i 12 Lutego 1991, str. 9, Abstrakt,
152. R. Markowski, J. Oleszkiewicz, A. Kisiel, *Analiza Rentgenowska Krawędzi Absorpcji L1 , L2 ,i L3 dla Cd oraz Te w CdTe z Uwzględnieniem Elementów Macierzowych*, I Krajowe

Symposium Użytkowników Promieniowania Synchrotronowego, Kraków, 11 i 12 Lutego 1991, str. 10, Abstrakt,

153. J. Oleszkiewicz, M. Podgórnny, A. Kisiel, G. Dalba, E. Burattini, *Badanie pustych stanów Mn 3d metodą XANES*, I Krajowe Symposium Użytkowników Promieniowania Synchrotronowego, Kraków, 11 i 12 Lutego 1991, str. 11, Abstrakt,
154. M. Zimnal-Starnawska, A. Kisiel, M. Podgórnny, M. T. Czyżyk, A. Balzarotti, N. Motta, *EXAFS związków półprzewodnikowych o strukturze blendy cynkowej*, I Krajowe Symposium Użytkowników Promieniowania Synchrotronowego, Kraków, 11 i 12 Lutego 1991, str. 13 Abstrakt,
155. A. Kisiel, A.-I. Ali Dahr, P. M. Lee, G. Dalba, P. Fornasini, E. Burattini, *X-Ray Near Edge Structure of the II-VI Group Ternary Compounds with Manganese : Experimental and Theoretical Studies of Cd_{1-x}Mn_xTe and Zn_{1-x}Mn_xTe*, Phys. Rev. **B**, **44**, 11075 (1991-II),
156. A. Kisiel, *Processi di disintegrazione della societa multietiche*, , Religioni e Societa, **12**, 135 (1991),
157. A. Kisiel, E. Burattini, P. M. Lee, G. Dalba, P. Fornasini, W. Giriat, *XANES Spectroscopy of CdFeTe and Hypothetical Zinc Blende FeTe*; X-Ray Absorption Fine Structure, in X-Ray Absorption Fine Structure, ed. S. Samar Hasnain Ellis Harwood, New York 1991, str. 332,
158. A. Kisiel, E. Burattini, P. M. Lee, G. Dalba, P. Fornasini, W. Giriat, *XANES Spectroscopy of CdFeTe and Hypothetical Zinc Blende FeTe*, J.Appl. Phys., **69**, 6119 (1991),
159. R. Markowski, J. Oleszkiewicz, A. Kisiel, *The Influence of the Dipol Transitions Matrix Element on the XANES and Optical Spectra for CdTe*, Acta Phys. Polon. **80**, 369 (1991),
160. A. Kisiel, J. Oleszkiewicz, J. Goniakowski, R. Markowski, E. Burattini, G. Dalba, F. Rocca, *The XANES K-edge Spectra for HgMnSe and HgFeSe*, Acta Phys. Polon., **80**, 373 (1991),
161. M. Podgórnny, J. Goniakowski, *Metamagnetism of hexagonal iron*, Nuovo Cimento, **13 D**, 311 (1991),
162. J. Goniakowski, M. Podgórnny, *Antiferromagnetism in hexagonal chromium, manganese and iron*, Phys.Rev.B, **44**, 12348 (1991),
163. D. K. Ray, J. Konior, A. M. Oles, A. N. Das, *Superconductivity in an Anisotropic Three-dimensional Narrow Band System*, Phys. Rev. **B** **43**, 5606, (1991),
164. J. Konior, A. N. Das, *Polaronic Band-width for a Strongly Correlated Hubbard System*, Physica C **174**, 215 (1991),
165. R. Markowski, M. Podgórnny, *Optical Absorption in CdTe: d-Core Transitions*, J. Phys. Condensed Matter, **3**, 9041 (1991),
166. A. N. Das, J. Konior, D. K. Ray, A. M. Oles, *Superconductivity in a Strongly Correlated Anisotropic Three-dimensional System*, Phys.Rev., **B** **44**, 7680 (1991),

167. E. V. Buzaneva, T. A. Vdovienkova, G. D. Popova, V. I. Strikha, A. I. Cyganowa, A. Rodzik, E. Czarnecka-Such, *Fiziko-khimitseskije svojstva powierkhnosti CdMnTe z rozlitsnym sodierzaniem Mn*; *Powierkhnost* **12**, 18 (1991),
168. M. Podgórný, *Electronic structure of ordered phases of PtFe alloy*, *Phys. Rev. B* **43**, 11300 (1991),
169. P. W. Żukowski, S. B. Kantorow, K. Kiszczak, D. Mączka, A. Rodzik, V. F.S telmakh, E. Czarnecka-Such, *Study of Dielectric Function of Silicon Irradiated with Great Dose of Neutrons*. *Phys. Status Solidi (a)*, **128**, K117 (1991),
170. R. Francini, M. Zimnal-Starnawska, N. Zema, B. A. Orłowski, *Reflectivity Spectra of Cd_{1-x}Mn_xF₂ in the 5-35 eV Energy Range*, *Acta Phys. Polon.* **80**, 453 (1991),

1992

171. R. Markowski, M. Podgórný, *Calculated Optical Properties of Zinblende Semiconductors ZnTe, CdTe, HgTe*, *J. Phys. Condensed Matter* **4**, 2505 (1992),
172. T. Pisarkiewicz, A. Kołodziej, E. Schabowska-Osikowska, T. Stapinski, A. Rodzik, P. Rava, *Density of States in the Pseudo-Gap of Amorphous Silicon-Germanium Alloys from Electrical and Optical Measurements*, *Appl. Phys. Lett.* **60**, 12 (1992),
173. E. V. Buzaneva, G. D. Popowa, V. I. Strikha, A. Rodzik, E. Czarnecka –Such, *Modeling and Experimental Studies of the Metal (Pb, Sn) - CdTe Structures with Ohmic Behavior*, *Superlatt. & Microstr.* **11**, 1 (1992),
174. J. Konior, *On the Anharmonic Polaronic Model*, *Acta Phys. Pol. A* **82**, 773 (1992),
175. J. Tyczkowski, E. Drobiną, P. Kazimierski, H. Bassler, A. Kisiel, N. Zema, *Electronic Properties of Plasma Deposited Films from Tetramethylsilane* *Thin Solid Films*, **209**, 250 (1992),
176. P. Żukowski, S. Kantorow, A. Kisiel, K. Kiszczak, E. Liskiewicz, D. Mączka, A. Rodzik, W. F. Stelmakh, E. Czarnecka–Such, *Tiempieraturnyje izmieniienija spiektrov otraóenia implantirovannogo ionami kriemija w diapazonije 3.0-5.5 eV*, *Zhurn. Prikladnoj Spektroskopii*, **56**, 312 (1992),
177. A.Kisiel, P. M. Lee, E. Burattini, G. Dalba, P. Fornasini, W. Giritat, *X-ray Absorption Near Edge Structure Analysis of CdFeTe : XANES Experiment and Theoretical LMTO Calculations*, *Solid State Commun.* **81**, 151 (1992),
178. Z. Kossakowska-Kisiel, A. Kisiel, *Nierówności powierzchni w strukturach MOS FET*, *Elektronika*, 4/92, 3 (1992),
179. D. Dębowska, M. Zimnal-Starnawska, A. Kisiel, M. Piacentini, N. Zema, *VUV Reflectivity of Cd_{1-x}Fe_xTe*, *Acta Phys. Pol. A* **82**, 341 (1992),
180. J. Oleszkiewicz, R. Markowski, A. Kisiel, *X-Ray Absorption Near Edge Spectra for CdTe-Theoretical Study*, *Internat. School and Symposium on Synchrotron Radiation in Natural Science*, May ,1992, Jaszowiec, Poland, *Acta Phys. Pol. A* **82**, 323 (1992),

181. D. Dębowska, A. Kisiel, F. Lama, M. Piacentini, M. Zimnal-Starnawska, N. Zema, *Spettri di Riflettività di Semiconduttori Magnetizzazione Diluita tra 4 eV e 30 eV*, LXXVIII Congresso Nazionale della Società Italiana di Fisica, Pavia, 1992 – Abstract,
182. N. Zema, A. Kisiel, D. Dębowska, M. Piacentini, *Studi di Fotoemissione su Compositi $Cd_{1-x}Fe_xTe$* , LXXVIII Congresso Nazionale della Società Italiana di Fisica, Pavia 1992 str. 74, Abstract,
183. E. Czarnecka-Such, A. Kisiel, A. Rodzik, Z. Gołacki, *Reflectivity Spectra of Implanted at Room and Liquid Nitrogen Temperature*, Acta Phys. Pol. A **82**, 781 (1992),
184. R. Markowski, J. Oleszkiewicz, A. Kisiel, *Theoretical Study Optical and XANES Spectra for CdTe within the k-dependent Matrix Element Approach*, Acta Phys. Pol. A **82**, 785 (1992),

1993

185. M. Piacentini, D. Dębowska, A. Kisiel, R. Markowski, A. Mycielski, N. Zema, *$Cd_{1-x}Fe_xSe$ Room Temperature Reflectivity in the 10-25 eV Energy Range*, J.Phys. Condensed Matter, **5**, 3707 (1993),
186. E. Burattini, A. Kisiel, R. Markowski, G. Dalba, W. Giriat, *X-Ray Absorption Near Edge Structure (XANES) Analysis of HgMnSe, HgFeSe and HgTeSe*, Acta.Phys.Pol.A **83**, 107 (1993),
187. D. Dębowska, M. Zimnal-Starnawska, A. Rodzik, A. Kisiel, M. Piacentini, N. Zema, W. Giriat, *The Reflectivity and Photoconductivity Spectra of $Cd_{1-x}Fe_xTe$ in the 1.0-30.0 eV Energy Range*, J.Phys. Condensed Matter **5**, 9345 (1993),
188. D. Dębowska, R. Markowski, M. Zimnal-Starnawska, A. Kisiel, M. Piacentini, N. Zema, F. Lama, *Electronic Structure of Tetrahedral ZnSe- Experiment and Theory*, Programme and Abstracts to the First Congress of the European Synchrotron Radiation Society, 22-23 Sept. 1993, Grenoble, France, str.19, (1993), Abstract,
189. P. W. Żukowski, S. W. Kantorow, D. Mączka, A. Rodzik, K. Kiszczak, W. F. Stelmakh; *Dielektryczeskaja pronicajemost i segnietoelektriczeskije svojstva silnodiefektnogo kriemnija*; Doklady Akademii Nauk Bielarusi, **37**, 41 (1993),
190. F. Francini, M. Zimnal-Starnawska, N. Zema, B. Orłowski; *VUV Reflectivity of $Cd_{1-x}Mn_xF$ Mixed Crystals* Solid State Commun., **88**, 345 (1993),
191. J. Konior, *Anharmonic Polaronic Model and High-T Superconductivity*, Phys.Rev. **B47**, 14425 (1993-I),

1994

192. E. V. Buzaneva, T. A. Vdovienkova, A. I. Cyganova, E. Czarnecka-Such, *Modifikacija sostava povierkhnosti CdTe implantacije ionow Ag*; Povierkhnost, Fizika, Khimia, Miekhanika **3**,.136 (1994),
193. J. Konior, *Superconductivity in the t-t'-J Model*, Physica C **235-240**, 2165 (1994),

194. A. C. Felici, N. Galbato, D. Dębowska, T. Papa, M. Piacentini, F. Lama, *Photoacoustic Investigation of the Absorption Edge of $Cd_{1-x}Fe_xTe$ Compounds*, *Il Nuovo Cimento* **16 D**, 163 (1994),
195. J. J. Rodriguez-Nunez, B. Coqblin, H. Beck, J. Konior, *Indirect RKKY-Type Interaction by Direct Oxygen Hopping*, *Acta Phys. Pol.A* **85**, 317 (1994),
196. R. Markowski, M. Piacentini, D. Dębowska, M. Zimnal-Starnawska, F. Lama, N. Zema, A. Kisiel, *Electronic Structure of Zinc Blende ZnSe: Theory and Experiment*, *J.Phys. Condensed Matter*, **6**, 3207 (1994),
197. D. Dębowska, M. Zimnal-Starnawska, A. Kisiel, W. Giriat, *The Liquid Nitrogen and Room Temperature Reflectivity Spectra of CdFeSe in 0.5-6.0 Energy Range*, *Acta Phys. Pol. A*, **86**,1015 (1994),
198. P. M. Lee, A. Kisiel, E. Burattini, M. Demianiuk, *X-Ray Near Edge Structure Analysis of ZnSe, and ZnFeSe, Experimental and Theoretical Studies*, *J.Phys. Condens. Matter* **6**, 5771 (1994),
199. D. Dębowska, R. Markowski, A. Kisiel, M. Zimnal-Starnawska, M. Piacentini, N. Zema, F. Lama, *Optical Properties of ZnSe: Experiment and Theory*, 2nd National Symposium of Synchrotron Radiation Users, Mogilany, Poland, 25-26 October 1993, *Zeszyty Naukowe UJ ,Folia Physica*, **XXXVI**, 53 (1994),
200. J. Oleszkiewicz, J. Konior, A. Kisiel, R. Markowski, S. Kaprzyk, E. Burattini, *X-Ray Near Edge Spectra of CdFeSe, ZnFeSe and ZnMnSe*, 2nd National Symposium of Synchrotron Radiation Users, Mogilany, Poland 25-26 October 1993, *Zeszyty Naukowe UJ, Folia Physica*, **XXXVI**, 29 (1994),
201. Zimnal-Starnawska, J. Łazewski, A. Kisiel, F. Boscherini, S. Pascarelli, W. Giriat, *EXAFS Studies of $Zn_{1-x}Mn_xS$ Ternary Compounds*, Proc. of "2nd International School and Symposium on Synchrotron Radiation in Natural Science ", Jaszowiec 1994, Poland, *Acta Phys. Pol. A*, **86**, 763 (1994),
202. N. Zema, F. Lama, M. Piacentini, D. Dębowska, A. Kisiel, A. Mycielski, C.G.Olson, *Synchrotron Radiation Photoemission Studies of Fe 3d States in $Cd_{1-x}Fe_xSe$* , Proc. 2nd International School and Symposium on Synchrotron Radiation in Natural Science" Jaszowiec, 1994, Poland, *Acta Phys. Pol. A*, **86**, 861 (1994),
203. M. Zimnal-Starnawska, D. Dębowska, A. Kisiel, M. Piacentini, F. Lama, N. Zema, W. Giriat, *Liquid Nitrogen Temperature Reflectivity Spectra of $Zn_{1-x}Mn_xSe$ and $Zn_{1-x}Fe_xSe$ Mixed Crystals*, Proc. of "2nd Internatinal School and Symposium on Synchrotron Radiation in Natural Science", Jaszowiec, 1994, Poland , *Acta Phys. Pol. A*, **86**, 869 (1994),

1995

204. A. Z. Hryniewicz, A. Kisiel, *Electron Spectroscopy Using Synchrotron Radiation*, *Nucleonica*, **40**, 3 (1995),
205. R. Markowski, A. Hołda, D. Dębowska, A. Kisiel, M. Zimnal-Starnawska, M. Piacentini, N. Zema, F. Lama, *Electronic Structure of Zinc-Blende $Zn_{0.5}V_{0.5}Se$:Theoretical Study*, *Acta Phys. Pol. A*, **88**,1023 (1995),

206. D. Dębowska, M. Zimnal-Starnawska, A. Kisiel, M. Piacentini, N. Zema, F. Lama, W. Girit, *Room and Liquid Nitrogen Temperature Reflectivity Spectra of Cd_{1-x}Co_xSe mixed crystals*, Proc. of XXIII International School on Physics of Semiconducting Compounds, Jaszowiec 1994, Acta Phys. Pol. A, **87**, 275 (1995),
207. N. Zema, F. Lama, M. Piacentini, A. C. Felici, D. Dębowska, A. Kisiel, C.G.Olson, *Synchrotron Radiation Photoemission Studies of Mn 3d States in Zn_{1-x}Mn_xSe*, Proc. of XXIII International School on Physics of Semiconducting Compounds, Jaszowiec 1994, Acta Phys. Pol. A, **87**, 495 (1995),
208. M. Zimnal-Starnawska, E. Czarnecka-Such, A. Kisiel, W. Frentrop, W. Girit, *XANES Analysis of L_{3,2} Edges of Zinc Selenides with Transition Metals*, Jahresbericht 1995, Berliner Elektronenspeicherring-Gesellschaft für Synchrotronstrahlung mbG (BESSY), Jahresbericht 1995, str. 256,
209. J. Konior, *Some Properties of Narrow Band Systems Coupled to Phonons*, Raport Nr 1688/PS, Institute of Nuclear Physics, Krakow, Poland, (1995) - praca habilitacyjna,
210. J. J. Rodrigues-Nunez, H. Beck, J. Konior, A. M. Oleś, B. Coqblin, *Effective RKKY interaction in high-T_c cuprates*, Phys.Lett. A **197**, 173 (1995),
211. C. Jędrzejek, J. Konior, S. Kaprzyk, *Formation Energy and Electronic Structure of II-VI/IV Semiconductor Superlattice*, Acta Phys.Pol., **A87**, 349 (1995),
212. A. Hołda, A. Rodzik, A. A. Mielnikow, P. W. Żukowski, *Cathodoluminescence Study of Cd_{1-x}Mn_xTe and Zn_{1-x}Mn_xTe*, Acta Phys.Pol. A **88**,739 (1995),
213. A. Hołda, A. Rodzik, A. Mielnikow, P. Żukowski, *Allocation and Properties of Iron States in Cd_{1-x}Fe_xTe in the Forbidden Gap Energy Range*, Acta Phys. Pol.A, **87**, 357 (1995),
214. J. Konior, S. Kaprzyk, *Electronic Structure of Zinc-Blende and Hexagonal Semiconductors: a Comparative Theoretical Study*, Acta Phys.Pol., A **87**, 269 (1995),
215. P. Piekarz, *Variational Study of One-Dimensional Diatomic Polaronic Model*, Mol. Phys Rep., **12**, 197 (1995),

1996

216. N. Zema, F. Lama, M. Mangiantini, M. Piacentini, A. C. Felici, D. Dębowska, A. Kisiel, *Synchrotron Radiation Photoemission Studies of Fe 3d States in Cd_{1-x}Fe_xSe*, J. Electron Spectroscopy and Related Phenomena, **78**, 497 (1996),
217. A. Hołda, R. Markowski, D. Dębowska, A. Kisiel, M. Zimnal-Starnawska, M. Piacentini, N. Zema, F. Lama, *Electronic Structure of Zinc-Blende Zn_{0.5}Co_{0.5}Se: Theoretical Study*, Acta Phys. Pol., A **90**, 817 (1996),
218. J. Łażewski, M. Zimnal-Starnawska, A. Kisiel, F. Boscherini, S. Pascarelli, W. Girit, *Local Structure in Zn_{1-x}Mn_xS: EXAFS Study*, Phys. Stat. Solidi (b), **197**, 7 (1996),
219. A. Kisiel, J. Łażewski, M. Zimnal-Starnawska, E. Burattini, A. Mycielski, *Manganese Distribution in CdMnTeSe Crystals. EXAFS Data Analysis*, Acta Phys. Pol., A **90**, 1032 (1996),

220. A. C. Felici, F. Lama, M. Piacentini, T. Papa, D. Dębowska, A. Kisiel, R. Rodzik; *Photoacoustic Spectroscopy of Diluted Magnetic Semiconductors*, J. Appl. Phys. **80**, No.12, 6925 (1996),

1997

221. A. Kisiel, M. Piacentini, D. Dębowska, N. Zema, F. Lama, M. Zimnal-Starnawska, W. Girit, A. Hołda, R. Markowski, *The Influence of Transition Metals on The Electronic Structure of ZnSe Host Crystal: Fundamental Reflectivity Analysis*, J.Phys.C. Condensed Matter, **9**, 8767 (1997),
222. M. Zimnal-Starnawska, E. Czarnecka-Such, A. Kisiel, W. Frentrop, W. Girit, *XANES Analysis of $L_{3,2}$ Edges of Zinc Selenides with Transition Metals*, J. de Physique IV France **7**, C2, 1201 (1997),
223. A. Kisiel, J. Łażewski, M. Zimnal-Starnawska, E. Burattini, A. Mycielski, *Site Occupation Preference in CdMnTeSe Quaternary Alloys. EXAFS Data Analysis*, J. de Physique IV France 7, C2, 1197 (1997),
224. A. Kisiel, E. Czarnecka-Such, P.M. Lee, E. Burattini and W. Girit, *An Analysis of Zn and Se K Edges XANES Spectra for ZnMeSe, (Me = Ni, Cr, V and Ti)*, J. de Physique IV France 7, C2, 1199 (1997),
225. J. Konior, J. Łażewski, A. Kisiel, *Random Microscopic Model of Quaternary Alloys*, Acta Phys. Pol., A **91**, 815 (1997),
226. A. Kisiel, *Promieniowanie synchrotronowe w charakteryzacji kryształów*, Materiały Elektroniczne, **25/3**, 56 (1997), Warszawa, ITME, Biuletyn PTWK nr 9,
227. P. Erman, A. Karawajczyk, E. Rachlew-Kallne, M. Stankiewicz, K. Yoshiki -Franzen, P. Sannes, L. Veseth, *Ultra-short lived non-Rydberg doubly excited resonances in diatomic molecules*, Phys.Rev. A **55**, 4221 (1997),
228. P. Erman, A. Karawajczyk, E. Rachlew-Kallne, M. Stankiewicz, K. Yoshiki -Franzen, *High resolution angular resolved measurements of the fragmentation of the core excited OCS molecule*, Phys.Rev.A **56**, 2705 (1997),
229. P. Erman, A. Karawajczyk, E. Rachlew-Kallne, M. Stankiewicz, K. Yoshiki-Franzen, P. Sannes, L.Veseth, *Photoionization processes in NO in the threshold region*, Chem.Phys.Lett. **273**, 239 (1997),
230. P. Erman, A. Karawajczyk, E. Rachlew, M. Stankiewicz, K. Yoshiki -Franzen, *State selective photon induced formation of triply charged fragments from the core excited OCS molecule*, J.Chem.Phys. **107**, 24, 10827 (1997),
231. P. Piekarczyk, *A New Perturbation Approach to the Electron-Phonon Coupling in High-Temperature Superconductors*; Molecular Phys. Reports **20**, 207 (1997),
232. P. Erman, P. A. Hatherly, A. Karawajczyk, U. Koble, E. Rachlew, M. Stankiewicz, K. Yoshiki-Franzen, L. Veseth, *Ultra-short lived non-Rydberg doubly excited resonances observed in molecular photoionization of the CO and N₂ molecules*, Acta Phys.Pol., A **91**, 763 (1997),

233. P. Erman, A. Karawajczyk, E. Rachlew, M. Stankiewicz, K. Yoshiki-Franzen, *Multicoincidence studies of fragmentations of core excited OCS molecules*; Acta Phys.Pol., A **91**, 769 (1997),

1998

234. M. K. Thomas, P. A. Hatherly, K. Codling, M. Stankiewicz, J. Rius, A. Karawajczyk, M. Roper, *Soft x-ray ionisation and fragmentation of n- and iso-propanol*, J. Phys.B: At.Mol.Opt.Phys. **31**, 3407 (1998),
235. A. Krawajczyk, P. Erman, P. A. Hatherly, E. Rachlew, M. Stankiewicz, K. Yoshiki-Franzen, *Symmetry Resolved Measurements of the Core excited CS₂ Molecule*; Phys. Rev. A **58** 1, 314 (1998),
236. A. Krawajczyk, E. Erman, E. Rachlew Kallne, M. Stankiewicz, K. Yoshiki-Franzen, *Quasi - Discrete Resonances Observed in Photoionization to the A²Π_u State of the CS₂ Molecule*; Chem. Phys. Lett. **285** , 373 (1998),
237. K.Yoshiki Franzen, P. Erman, P. A. Hartley, A. Krawajczyk, E. Rachlew Kallne, M. Stankiewicz, *Quasi Two- Step Dissociation Effects Observed in Core Excited OCS Molecule*; Chem. Phys. Lett. **285**, 71 (1998),
238. B.V. Robouch, A. Kisiel, *Probabilistic Analysis of Site- Occupation Preferences in Ga_xIn_{1-x}As_ySb_{1-y} and Cd_xMn_{1-x}Se_yTe_{1-y} Quaternary Compounds* , Acta Phys. Pol., A **94**, 497 (1998),
239. A. Kisiel, E. Czarnecka-Such, P. M. Lee, E. Burattini, W. Giriat, *Se and Zn Edges XANES Analysis of ZnSe Ternary Compounds with Transition Metals (TM): Experimental and Theoretical Studies*, Universitatis Jagellonicae, Folia Physica, **XXXIX**, 123 (1998),
240. A. Kisiel, P. Zajdel, M. Zimnal-Starnawska, P. M. Lee, F. Boscherini, E. Burattini, W. Giriat, *Conduction Band Studies of Iron Monochalcogenides: XANES Analysis and LMTO Numerical Calculations*, Universitatis Jagellonicae, Folia Physica, **XXXIX**, 131 (1998),
241. D. Dębowska, A. Hołda, A. Kisiel, M. Zimnal-Starnawska, M. Piacentini, N. Zema, F. Lama, *The Study of Transition Metal Influence on the Electronic Structure of Zn_{1-x}Mn_xS*, Universitatis Jagellonicae, Folia Physica, **XXXIX**, 161 (1998),

1999

242. D. Dębowska, A. C. Felici, A. Kisiel, F. Lama, T. Papa, M. Piacentini, A. Rodzik, *Photoacoustic Spectroscopy of Zn_{1-x}Me_xSe and Zn_{1-x}Me_xS (Me = Mn, Fe, Co, Ni) Compounds*, Photothermal and Photoacoustic Phenomena: Proc. 10th Internat. Conf., Rome, 1998, Ed. by F. Scudieri and M. Bertolotti. The American Institute of Physics 1999 str.521,
243. A. Kisiel, P. M. Lee, E. Czarnecka Such, M. Zimnal Starnawska, E. Burattini, W. Giriat; *XANES Analysis of ZnSe Ternary Compounds with Transition Metals (TM): Experimental and Theoretical LMTO Studies*, J. Alloys and Compounds **284**, 1 (1999),
244. A. Kisiel, P. Zajdel, P. M. Lee, E. Burattini, W. Giriat, *XANES Study of K Edges of Fe, Co, Ni, and Se in Transition Metal Selenides. Experiment and Comparison with LMTO Numerical Calculations*, J. of Alloys and Compounds, **286**, 61 (1999),

245. P. Zajdel, A. Kisiel, M. Zimnal- Starnawska, P.M. Lee, F. Boscherini and W. Giriat, *XANES Study of Sulphur K Edges of Transition Metal (V, Cr, Mn, Fe, Co, Ni) Monosulphides: Experiment and LMTO Numerical Calculations*, J. of Alloys and Compounds, **286**, 66 (1999),
246. B.V. Robouch, A. Kisiel, *EXAFS Data Resolved into individual Site Occupation preferences in Quaternary Compounds with Tetrahedrally Coordinated Structure*, J. of Alloys and Compounds, **286**, 80 (1999),
247. J. Oleszkiewicz, M. Podgórný A. Kisiel and E. Burattini, *Theoretical and Experimental Analysis of the Near-Edge X- ray Absorption Structure in MnTe and Cd_{1-x}Mn_xTe Alloys*, Phys. Rev., B, **60**, 4920 (1999),
248. F. Lama, D. Dębowska, A.C. Felici, A. Kisiel, M. Piacentini, N. Zema, *Synchrotron radiation photoemission study of Fe 3d electronic states in Cd_{1-x}Fe_xSe and Zn_{1-x}Fe_xSe compounds*, J. Electron Spectrosc. and Related Phenomena, **104**, 185 (1999),
249. A. Kisiel, *XAS characterization of semiconductor compounds and some biological systems*, Proc. of 5th National Symposium of Synchrotron Radiation Users, Warsaw 1999 str. 86,
250. B.V.Robouch, A.Kisiel, *Site occupation preferences in second coordination shells of zinc blende ZnMnSe*, Proc. of 5th National Symposium of Synchrotron Radiation Users, Warsaw 1999, str. 207,
251. K. Yoshiki Franzen, P. Erman, P. A. Hartley, A. Karawajczyk, E. Rachlew-Källne, M. Stankiewicz, *State Selective Ion Formation Effects Observed in the Core Excited CS₂ Molecule*; J.Chem. Phys. **110**, 3621 (1999),
252. P. Piekarczyk, J. Konior, J. H. Jefferson, *Electron-phonon Interaction in the Cuprates: Breathing versus Buckling Mode*; Phys. Rev.B. **59**,14697 (1999),
253. B. O. Fisher, M. K. Thomas, P. A. Hatherly, K. Codling, M. Stankiewicz, A. Krawajczyk, M. Roper, *Soft X-ray photoionization and fragmentation of SO₂ studied by threshold photoelectron-photoion-photoion coincidence (TPEPIPICO) spectroscopy*; J. Phys.B: Atomic Molecular Optic Phys. **32**, 4437 (1999),
254. P. Erman, A. Krawajczyk, E. Rachlew-Källne, J. Rius i Riu, M. Stankiewicz, K. Yoshiki Franzén, L. Veseth; *Neutral dissociation by non-Rydberg doubly excited states*, Phys. Rev. A **60**, 426 (1999),
255. M. K. Thomas, B. O. Fisher, P. A. Hatherly, K. Codling, M. Stankiewicz, M. Roper, *The fragmentation of core ionized CF₄ probed by Threshold-photoelectron-photoion- photoion coincidence (TPEPIPICO) spectroscopy*, J. Phys. B: At. Mol. Opt. Phys. **32**, 2611 (1999),

2000

256. A. Krawajczyk, P. Erman, E. Rachlew-Källne, J. Rius I Riu, M. Stankiewicz, K.Yoshiki Franzen, L. Veseth, *Neutral fragmentation of super excited oxygen molecules*, Phys. Rev. A **61**, 2718 (2000),

257. P. Erman, A. Krawajczyk, E. Rachlew-Källne, J. Rius I Riu, M. Stankiewicz, K. Yoshiki Franzen, A. Weidar Moen, L. Veseth, *Non Franck-Condon effects in photoionization of molecular oxygen*, Phys. Scr. **62**, 294 (2000),
258. P. Piekarz, J. Konior; *Bismuth cubic superconductors: polaronic and superconducting properties of the Rice-Sneddon model*; Physica C **329**, 121 (2000),
259. B. Pukowska, A. Kaczmarek, K. Sokalski, *Pomiar prędkości dźwięku w metalach. Ćwiczenie studenckie dla I Pracowni Fizycznej (Introductory Experiments in Acoustics)*; FOTON, **70** (2000),
260. B. V. Robouch, R. Hus, J. Polit, E. M. Sheregii, E. Ściesińska, J. Ściesiński, A. Kisiel, *Far infrared spectra of tetrahedral quaternary alloys*, Uzhhorod University Scientific Herald, Series Physics, Issue **8**, Part 2, 290 (2000),
261. B. V. Robouch, A. Kisiel, *Ternary elemental zinc blende tetrahedra size, shapes, preferences as deduced from EXAFS observations*, Uzhhorod University Scientific Herald, Series Physics, Issue **8**, Part 1, 67 (2000),
262. A. Kisiel, B. Średniawa, *August Witkowski*, Uniwersytet Jagielloński, Złota Księga Wydziału Matematyki i Fizyki, pod red. B. Szafirskiego, 2000, str. 436,
263. A. Kisiel, *Zakład Fizyki Ogólnej - Instytut Fizyki UJ, Informator*, Foton, ISSN 1234-4729; ed. Z. Gołąb-Meyer, Kraków 2000, str. 30,

2001

264. J. Konior, J. Oleszkiewicz, A. Kisiel, E. Czarnecka-Such, E. Burattini and A. Mycielski, *Electronic properties of CdSe and Cd_{1-x}Fe_xSe wurzite compounds: XANES measurements and analysis*, J. Alloys and Compounds, **328**, 143 (2001),
265. J. Polit, R. Hus, E. M. Sheregii, E. Ściesińska, J. Ściesiński, B. V. Robouch, A. Kisiel, *Far Infrared Spectra of Tetrahedral Quaternary Alloys*, Proc. 10th Internat Conf. on Narrow Gap Semiconductors and Related Small Energy Phenomena, Physics and Applications, Ishikawa (Japan), IPAP Conf. Series 2, pp 155 (2001),
266. B. V. Robouch, A. Kisiel and E. M. Sheregii, *Consideration of the Verleur model of far-infrared spectroscopy of ternary compounds*, Phys. Rev. **B. 64**, 073204-1 (2001),
267. B. Pukowska, J. Jaglarz, B. Such, T. Wagner, A. Kisiel, A. Mycielski; *Fundamental Reflectivity Studied of Optical Investigations of the CdTeSe and CdMeTeSe, (Me=Mn, Fe) Semiconductors*, J. Alloys and Compounds, **335**, 35 (2002),
268. B. V. Robouch, A. Kisiel, J. Konior, *Statistical model for site occupation preferences and shapes of elemental tetrahedra in zinc-blende semiconductors GaInAs, GaAsP, CdZnTe*, J. Alloys and Compounds, **339**, 1 (2002),
269. B. V. Robouch, A. Kisiel, J. Konior, *Statistical model for atomic distances and site occupation in zinc-blende diluted magnetic semiconductors (DMSs)*, J. Alloys and Compounds, **340**, 13 (2002),

2004

270. J. Konior, A. Kisiel, *Statistical models of the local structure in ternary and quaternary zinc blende structures*, J. Alloys and Compounds, **371**, 20 (2004),
271. J. Polit, E. M. Sheregii, E. Burattini, A. Marcelli, M. Cestelli Guidi, P. Calvani, A. Nucara, M. Piccinini, A. Kisiel, J. Konior, E. Ścieszńska, J. Ścieszński, A. Mycielski, *Analysis of phonon spectra of the $Zn_xCd_{1-x}Te$ solid solution*, J. Alloys and Compounds, **371**, 172 (2004),
272. J. Jaglarz, B. Pukowska, A. Kisiel, J. Olejniczak, A. Mycielski, J. Jurasik, *Influence of hydrogen treatment of CdTe crystals on the reflectivity spectra*, J. Alloys and Compounds, **371**, 125 (2004),
273. M. Pociask, B. Pukowska, A. Kisiel, E. M. Sheregii, N. N. Berchenko, *Influence of long-term defect diffusion on CdHgTe electronic structure*, Eur. Phys. J. Appl. Phys., **27**, 403 (2004),

2005

274. P. Zajdel, A. Kisiel, J. Warczewski, J. Konior, J. Krok-Kowalski, P. Gusin, M. Green, W-Y Li, L. I. Koroleva, R. V. Demin, A. Balerna, G. Cinque, A. Grilli, *The XANES Spectra and Chemical Shifts of the Sulphur K Edge in $CuCr_{2-x}Sb_xS_4$ ($x = 0.3, 0.4, 0.5$) as a Probe of Chromium Valence States*, Internat. Conf. X-ray Optics and Microanalysis, Program and Abstracts, Frascati (2005) p. 95,
275. P. Zajdel, A. Kisiel, J. Warczewski, J. Konior, L.I Koroleva, J. Krok-Kowalski, P. Gusin, E. Burattini, G. Cinque, A. Grilli, R.V. Demin, *The influence of the concentration of Sb ions onto the local crystal and electronic structures of $CuCr_{2-x}Sb_xS_4$ ($x = 0.3, 0.4, 0.5$) studied by XANES and EXAFS measurements and LAPW numerical calculations*, J. Alloy Compounds, **401**, 145 (2005),

2011

276. W. M. Kwiatek, J. Czapla, M. Podgórczyk, A. Kisiel, J. Konior, A. Balerna, *First approach to studies of sulphur electron DOS in prostate cancer cell lines and tissues studied by XANES*, Radiation Physics and Chemistry, **80**, 1104 (2011),