

Poster Session 10 September (Monday)

1	V. A. Franiv, A. V. Franiv, O. S. Kushnir and I. S. Girnyk, ON THE POSSIBILITY OF STRUCTURAL TRANSFORMATION IN Tl_4HgI_6 CRYSTALS: LINEAR THERMAL EXPANSION DATA (Electronics Department, Ivan Franko Lviv National University, Physics Department, Ivan Franko Lviv National University, Lviv, Ukraine)
2	O.O. Gomonnai, R.R. Rosul, P.P. Guranich, A.G. Slivka, M.Yu. Rigan, I.Yu. Roman and A.V. Gomonnai, DETAILED STUDIES OF POLYCRITICAL REGION OF $TlInS_2$ - TYPE CRYSTALS (Uzhhorod National University, Ukraine, Uzhhorod Scientific and Technology Center, Institute for Information Recording, Ukr. Nat. Acad. Sci., Uzhhorod, Ukraine, Institute of Electron Physics, Ukr. Nat. Acad. Sci., Uzhhorod, Ukraine)
3	A.P.Moina, R.R. Levitskii, I.R.Zachek, HYDROSTATIC PRESSURE EFFECTS IN ROCHELLE SALT (Institute for Condensed Matter Physics, Lviv, Ukraine, Lviv National Polytechnic University, Lviv, Ukraine)
4	A.P.Moina, PIEZOELECTRIC RESONANCE IN ROCHELLE SALT: THE CONTRIBUTION OF DIAGONAL STRAINS (Institute for Condensed Matter Physics, Lviv, Ukraine)
5	Yu.P.Gololobov, N.A.Borovoy, G.L.Isayenko, PHASE TRANSITIONS IN THE POLYTYPES OF $TlInS_2$ AND $TlGaSe_2$ FERROELECTRIC CRYSTALS (National Transport University, Kyiv, Ukraine, Kyiv National University, Kyiv, Ukraine)
6	R.R.Levitskii, I.V.Stasyuk, I.R.Zachek, A.S.Vdovych MICROSCOPIC THEORY OF THERMODYNAMIC AND DYNAMIC PROPERTIES OF ROCHELLE SALT. TAKING INTO ACCOUNT PIEZOELECTRIC COUPLING (Institute for Condensed Matter Physics of the National Academy of Sciences of Ukraine, Lviv, Ukraine, Lviv Polytechnic National University, Lviv, Ukraine)
7	A.S.Vdovych, R.R.Levitskii, I.R.Zachek, FIELD AND DEFORMATION EFFECTS IN QUASIONE-DIMENSIONAL CSD_2PO_4 TYPE FERROELECTRICS WITH HYDROGEN BONDS (Institute for Condensed Matter Physics of the National Academy of Sciences of Ukraine, Lviv, Ukraine, Lviv Polytechnic National University, Lviv, Ukraine)
8	K. Dorywalski, B. Andriyevsky, M. Piasecki, C. Cobet, I.V. Kityk, N. Esser, A. Patryn, STRUCTURAL PHASE TRANSITIONS IN FERROELECTRIC CRYSTALS AND THIN FILMS INVESTIGATED BY VUV SPECTROSCOPIC ELLIPSOMETRY WITH SYNCHROTRON RADIATION (Faculty of Electronics and Computer Sciences, Koszalin University of Technology, Koszalin, Poland, Institute of Physics, J. Dlugosz University Czestochowa, Poland, Leibniz-Institut für Analytische Wissenschaften – ISAS – e.V., Berlin, Germany, Electrical Engineering Department, Czestochowa University of Technology, Czestochowa, Poland)
9	K. Dorywalski, M. Jaskólski, B. Andriyevsky, Z. Czaplá, A. Patryn, SPECTRAL ELLIPSOMETRY STUDY OF $[(CH_3)_2CHNH_3]_4Cd_3Cl_{10}$ AND $[C(NH_2)_3]_4Cl_2SO_4$ CRYSTALS IN SPECTRAL RANGE OF ELECTRONIC EXCITATIONS (Faculty of Electronics and Computer Sciences, Koszalin University of Technology, Koszalin, Poland, Department of Physics, Opole University of Technology, Opole, Poland, Institute of Experimental Physics, Wrocław University, Wrocław, Poland)
10	J.Macutkevic, J.Banys, R.Adomavicius, A.Krotkus, D.C. Lupascu, CROSSOVER BETWEEN FERROELECTRIC AND RELAXOR BEHAVIOUR IN $(1-x)Ago.9Lio.1NbO_3 - xBio.5Ko.5TiO_3$ CERAMICS (Center for Physical Science and Technology, Vilnius, Lithuania, Department of Radiophysics, Vilnius University, Vilnius, Lithuania, Institute for Materials Science, University Duisburg-Essen, Essen, Germany)
11	V. Yu. Klevets, N. D. Savchenko, T. N. Shchurova, A. G. Slivka, K. O. Popovic, ELECTRONIC STRUCTURE AND MECHANICAL PROPERTIES FOR FERROELECTRIC $Sn_2P_2Se_6$ CRYSTALS (Uzhgorod National University, Ukraine, NanoTecCenter Weiz Forschungsgesellschaft mbH, Austria)
12	O.V.Shusta, A.G.Slivka, P.P.Guranich, V.S.Shusta, S.F.Motrya, HIGH-PRESSURE STUDIES OF THE DIPOLE GLASS STATE IN $CuCr_xIn_{1-x}P_2S_6$ LAYERED CRYSTALS (Department of Physics, Uzhhorod National University, Uzhhorod, Ukraine, Institute of Physics and Chemistry of Solid State, Uzhhorod National University, Uzhhorod, Ukraine)
13	Martynas Kinka, Vytautas Samulionis, Anna Kalvane, Karlis Bormanis and Juras Banys, ULTRASONIC INVESTIGATION OF PHASE TRANSITIONS IN $PbFe_{1/2}Nb_{1/2}O_3$ CERAMICS (Faculty of physics, Vilnius university, Vilnius, Lithuania, Institute of Solid State Physics, University of Latvia, Riga, Latvia)
14	W. Zapart, M.B. Zapart, R. Kowalczyk, K. Maternicki, M. Maczka, OPTICAL ANISOTROPY AND BIREFRINGENCE OF $K_1-xRbxSc(MoO_4)_2$ (Institute of Physics, Technical University of Czestochowa, Czestochowa, Poland, Institute of Low Temperature and Structure Research, Polish Academy of Science, Wrocław, Poland)
15	R. Kowalczyk, M.B. Zapart, W. Zapart and M. Maczka, THE SURFACE IMAGES OF MONOCLINIC DOMAINS IN TDM/T BY AFM (Institute of Physics, Technical University of Czestochowa, Czestochowa, Poland, Institute of Low Temperature and Structure Research, Polish Academy of Science, Wrocław, Poland)
16	M. B. Zapart, W. Zapart, ON THE PHASE TRANSITIONS IN $RbIn(MoO_4)_2$ (Institute of Physics, Technical University of Czestochowa, Czestochowa, Poland)

17	M. Kinka, R.Grivalaitis, M. Albino, M. Josse, D. Gabrielaitis, V. Samulionis, S. Bagdzevicius, M. Maglione, J. Banys, DIELECTRIC PROPERTIES OF Ba ₂ NdFeNb _{4-x} TaxO ₁₅ CERAMICS (Faculty of physics, Vilnius university, Vilnius, Lithuania, CNRS, Université de Bordeaux, France)
18	R.R. Rosul, P.P. Guranich, O.O. Gomonnai, A.G. Slivka, I.Yu.Roman, V.M. Rubish, O.G. Guranich , and A.V. Gomonnai, ABSORPTION SPECTRA OF TlIn(S _{1-x} Sex) ₂ SINGLE CRYSTALS UNDER HYDROSTATIC PRESSURE. (Department of Optics, Uzhhorod National University, Uzhhorod, Ukraine, Uzhhorod Scientific and Technological Centre for Materials of Optical Information Carriers, Institute for Information Recording, Ukr. Nat. Acad. Sci., Uzhhorod, Ukraine, Institute of Electron Physics, Ukr. Nat. Acad. Sci., Uzhhorod, Ukraine)
19	P.P.Guranich, R.R. Rosul, A.G. Slivka, I.Yu. Roman, A.V.Gomonnai, PRESSURE BEHAVIOUR OF THE ORDER PARAMETER OF PHASE TRANSITIONS IN TlIn(S _{1-x} Sex) ₂ CRYSTALS (Uzhhorod National University, Ukraine, Institute of Electron Physics, Ukr. Nat. Acad. Sci., Uzhhorod, Ukraine)
20	Jūras Banys, Šarūnas Bagdzevičius, Ieva Kranauskaitė, Robertas Grigalaitis, Andris Sternberg, Karlis Bormanis, BROADBAND DIELECTRIC STUDIES OF Bi DOPED SrTiO ₃ CERAMIC (Faculty of Physic, Vilnius University, Vilnius, Lithuania, Institute of Solid State Physic, University of Latvia, Riga, Latvia)
21	M. Palatnikov, O. Shcherbina, N. Sidorov, and K. Bormanis, STRUCTURE OF TANTALUM AND NIOBIUM PENTOXIDE CERAMICS TREATED BY CONCENTRATED LIGHT FLOW (Institute of Chemistry, Kola Science Centre RAS, Institute of Solid State Physics, University of Latvia, Latvia)
22	K. Bormanis, N. Sidorov, M. Palatnikov, N. Teplyakova, E. Obryadina, CONCENTRATION AND THERMAL PHASE TRANSITIONS IN PEROVSKITE SOLID SOLUTIONS (Institute of Solid State Physics, University of Latvia, Latvia, Institute of Chemistry, Kola Science Centre RAS)
23	Maksim Ivanov, Satoshi Wada, Juras Banys, BROADBAND DIELECTRIC PROPERTIES OF 0.5BaTiO ₃ -0.5KNbO ₃ COMPOSITE (Faculty of Physics, Vilnius University, Vilnius, Lithuania, Interdisciplinary Graduate School of Medical and Engineering, University of Yamanashi, Japan)
24	M.D. Volnyanskii, O.O. Nesterov, M.P. Trubitsyn DEVITRIFICATION OF THE Li ₂ O-7xGeO ₂ GLASS (Oles' Honchar Dnipropetrovsk National University, Dnipropetrovsk, Ukraine)
25	I.P. Studenyak, V.E. Ponomaryov, L.M. Suslikov, A.F. Orliukas, A. Kezionis, E. Kazakevicius, T.Salkus, PHASE TRANSITIONS IN Cu ₆ PS ₅ I _{1-x} Cl _x SUPERIONIC FERROELASTICS (Uzhhorod National University, Uzhhorod, Ukraine, Vilnius University, Vilnius, Lithuania)
26	I. P.Studenyak, V.E.Ponomaryov, M.M.Maior, L.M.Suslikov, S.İlkovič, M.Reiffers, M.Timko, INFLUENCE OF SIZE EFFECT ON PHASE TRANSITIONS IN Cu ₆ PS ₅ I SUPERIONIC FERROELASTIC (Uzhhorod National University, Uzhhorod, Ukraine, Department of physics, mathematics and technics, Faculty of Humanities and Natural Sciences, Prešov University, Prešov, Slovakia, Institute of Experimental Physics, Košice, Slovakia)
27	Vasylykiv Yu., Savaryn V., Smaga I., Krupych O., Skab I. and Vlokh R., USING THE CRYSTALLINE DISK METHOD FOR MEASUREMENTS OF PIEZOOPTIC COEFFICIENTS. THE CASE OF LiNbO ₃ CRYSTALS (Institute of Physical Optics, Lviv, Ukraine)
28	Bondar V.M., Stashchuk V.S., Polianska O.P. THE INFLUENCE OF CHROMIUM IMPURITY ON OPTICAL AND ELECTRONIC PROPERTIES OF COBALT (Taras Shevchenko Kyiv National University, Physics Department, Chair of Optics, Kyiv, Ukraine)
29	I. Skab, Y. Vasylykiv, V. Savaryn and R. Vlokh, APPEARANCE OF AN OPTICAL VORTEX UNDER THE TORSION STRESSES IN LiNbO ₃ CRYSTALS (Institute of Physical Optics, Lviv, Ukraine)
30	I. Skab, Y. Vasylykiv and R. Vlokh, STUDYING OF THE SPIN-TO-ORBITAL MOMENTUM CONVERSION OPERATED BY ELECTRIC FIELD IN LiNbO ₃ Bi ₁₂ GeO ₂₀ CRYSTALS (Institute of Physical Optics, Lviv, Ukraine)
31	V.T. Adamiv, Ya.V. Burak, I.S. Say, I.M. Teslyuk, B.I.Turko, M.R. Panasyuk, THERMALLY AND STIMULATED CONDUCTIVITY OF MDM AND MDSCM STRUCTURES ON BASIS OF POLAR Li ₂ B ₄ O ₇ SINGLE CRYSTAL (Institute of Physical Optics, Lviv, Ukraine, Scientific-Technical and Educational Center of Low Temperature Studies, Ivan Franko National University of Lviv, Lviv, Ukraine)
32	D. Bochenek, P. Niemiec, R. Zachariasz, A. Chrobak, G. Ziółkowski, THE CERAMIC-FERRITE COMPOSITES BASED ON PbFe _{1/2} Nb _{1/2} O ₃ (University of Silesia, Department of Materials Science, 2, Śnieżna St., Sosnowiec 41-200, Poland, University of Silesia, Institute of Physics, 14, Uniwersytecka St., Katowice , 40-007, Poland)
33	M.D. Glinchuk, V. Khist, E.A. Eliseev, and A.N. Morozovska PROPERTIES OF NANOSIZED PEROVSKITES AND BINARY OXIDES ABSENT IN A BULK (Institute for Problems of Materials Science, National Academy of Sciences of Ukraine, Krjijanovskogo 3, 03142 Kiev, Ukraine, Institute of Physics, National Academy of Sciences of Ukraine, prospect Nauki 46, 03028 Kiev, Ukraine)

1	R. Skulski, D. Bochenek, P. Niemiec, P. Wawrzala, TECHNOLOGY AND PROPERTIES OF PMN-PT-PS-PFN:LI THE MATERIAL FOR MULTILAYER CERAMIC CAPACITORS (University of Silesia, Department of Materials Science, Poland)
2	V.Stadnyk, M.Romanyk, V.Kurlyak, Yu.I.Kiryk, UNIAXIAL PRESSURE ACTION ON THE PHASE TRANSITIONS OF TGS ADMIXTURED CRYSTALS (Physical Department, Lviv Ivan Franko National University, Lviv, Ukraine)
3	V.Stadnyk, R.Brezvin, V.Gaba, M.Savchak, THE BARIC CHANGES IN THE REFRACTIVE INDICES OF LiNH_4SO_4 CRYSTALS (Physical department, Lviv Ivan Franko National University, Lviv, Ukraine)
4	I.P. Volnyanskaya, M.P. Trubitsyn, EPR SPECTRA IN $\text{Pb}_2\text{MoO}_5\cdot\text{Cu}^{2+}$: SUPERHYPERFINE INTERACTION WITH LIGANDS (Prydniprov's'ka State Academy of Civil Engineering and Architecture, Oles' Honchar Dnipropetrovsk National University, Ukraine)
5	J. Grigas, E. Talik, K. Glukhov, K. Fedyo, I. Stoika, A. Grabar, Yu. Vysochanskii, X-RAY PHOTOELECTRON SPECTROSCOPY AND FIRST-PRINCIPLES ANALYSIS OF ELECTRONIC STRUCTURE OF $\text{Sn}_2\text{P}_2\text{S}_6\cdot\text{Ge}$ FERROELECTRICS (Faculty of Physics, Vilnius University, Vilnius, Lithuania, Institute of Physics, Silesian University, Katowice, Poland, Institute for Physics and Chemistry of Solid State, Uzhgorod National University, Uzhgorod, Ukraine)
6	A. A. Grabar, A. A. Molnar, K. M. Rengach, I., T. V. Chutora, I. M. Stoika, and Yu. M. Vysochanskii STUDY OF DIELECTRIC HYSTERESIS IN $\text{Sn}_2\text{P}_2\text{S}_6$ FERROELECTRIC CRYSTALS (Institute of Solid State Physics and Chemistry of Uzhgorod National University, Uzhgorod, Ukraine)
7	A. A. Grabar, A. A. Molnar, K. M. Rengach, I. M. Stoika, and Yu. M. Vysochanskii LOW-FREQUENCY DIELECTRIC DISPERSION IN DOPED $\text{Sn}_2\text{P}_2\text{S}_6$ FERROELECTRIC CRYSTALS (Institute of Solid State Physics and Chemistry of Uzhgorod National University, Uzhgorod, Ukraine)
8	V. Kapustianyk, Yu. Eliyashevskyy, B. Turko, Z. Czaplá, S. Dacko B. Barwiński, DIELECTRIC RELAXATION OF THE NANOSTRUCTURED ZnO FILMS (Scientific-Technical and Educational Centre of Low Temperature Studies, I. Franko National University of Lviv, Lviv, Ukraine, Institute of Experimental Physics, University of Wrocław, Wrocław, Poland, Department of Physics, Opole University of Technology, Opole, Poland)
9	S. Semak, V. Kapustianyk, Yu. Eliyashevskyy, V. Rudyk, S. Dacko, Z. Czaplá, INFLUENCE OF ISOMORPHOUS SUBSTITUTION OF METALS ON THE PHASE TRANSITIONS AND DIELECTRIC PROPERTIES OF DMAMeS (Me=Al, Ga, Cr) FERROELECTRICS (Physical Department, Scientific-Technical and Educational Center of Low-Temperature Studies, Scientific and Educational Center "Fractal" Ivan Franko National University of Lviv, Lviv, Ukraine, Institute of Experimental Physics, University of Wrocław, Wrocław, Poland)
10	T.V.Kruzina, V.G.Pozdeev, S.A.Popov, J.Suchanicz, THE LOW-FREQUENCY RELAXATION OF $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-BaTiO}_3$ CRYSTALS (Dnipropetrovsk National University, Dnipropetrovsk, Ukraine, Institute of Physics, Pedagogical University, Krakow, Poland)
11	D. Bochenek, P. Niemiec, R. Zachariasz, A. Chrobak, G. Ziółkowski, CERAMIC - FERRITE COMPOSITES OF BASED ON PZT TYPE CERAMIC POWDER (University of Silesia, Department of Materials Science, Poland, University of Silesia, Institute of Physics, Poland)
12	Andrzej Osak, RELAXATION CURRENTS IN MORPHOTROPIC REGION OF $\text{Pb}[(\text{Fe}_{1/3}\text{Sb}_{2/3})_x\text{Ti}_y\text{Zr}_z]\text{O}_3$ FERROELECTRIC CERAMICS (Institute of Physics, Cracow University of Technology, Cracow, Poland)
13	Malgorzata Plonska, Wojciech A. Pisarski, Beata Wodecka-Dus, FERROELECTRIC 8/65/35 PLZT:Nd ³⁺ CERAMICS AS PHOTONIC APPLICABLE MATERIAL (University of Silesia, Faculty of Computer and Materials Science, Department of Materials Science, Sosnowiec, Poland, University of Silesia, Faculty of Mathematics, Physics and Chemistry, Institute of Chemistry Katowice, Poland)
14	Beata Wodecka-Dus, Malgorzata Plonska, Dionizy Czekał, IMPEDANCE STUDIES OF SOL-GEL DERIVED $(\text{Ba},\text{La})\text{TiO}_3$ CERAMICS (University of Silesia, Department of Materials Science, 2, Sniezna St., Sosnowiec, 41-200, Poland)
15	I. Rafalovskiy, M. Guenou, I. Gregora, M. Savinov, J. Kroupa and J. Hlinka, RAMAN STUDY OF POLARIZATION SWITCHING IN PMN-PT SINGLE CRYSTALS (Institute of Physics, Academy of Sciences of the Czech Republic, Prague, Czech Republic)
16	J.Suchanicz, D.Sitko, A.Kalvane, A.Sternberg, INFLUENCE OF UNIAXIAL PRESSURE AND AGING ON DIELECTRIC AND FERROELECTRIC PROPERTIES OF BaTiO_3 CERAMICS (Institute of Physics, Pedagogical University, Kraków, Poland, Institute of Solid State Physics, University of Latvia, Riga, Latvia)
17	Y. Vasylykiv, A. Say, O. V. Vlokh, I. Martynyuk-Lototska, R. Vlokh, PHASE DIAGRAM AND DOMAIN STRUCTURE OF THE $\text{Rb}_{2x}\text{Tl}_{2(1-x)}\text{Cd}_2(\text{SO}_4)_3$ SOLID SOLUTIONS (Institute of Physical Optics, Lviv, Ukraine)
18	B. Zapeka, O. Mys, I. Martynyuk-Lototska and R. Vlokh SPECIAL POINTS ON THE x,T-PHASE DIAGRAM OF $\text{Sn}_2\text{P}_2(\text{Se}_x\text{S}_{1-x})_6$ FERROELECTRICS (Institute of Physical Optics, Lviv, Ukraine)

19	A. Ibenskas and E. E. Tornau MODELING OF HOMOLOGOUS SERIES OF FLOWER PHASES OF TMA MOLECULES (Semiconductor Physics Institute, Center for Physical Sciences and Technology, Vilnius, Lithuania)
20	K. Pytel, J. Suchanicz, M. Livinsh, A. Sternberg, DIELECTRIC PROPERTIES OF PLZT-X/65/35 ($2 \leq X \leq 13$) UNDER MECHANICAL STRESS, ELECTRIC FIELD AND TEMPERATURE LOADING (Institute of Technics, Pedagogical University, Krakow, Poland, Institute of Physics, Pedagogical University, Krakow, Poland, Institute of Solid State Physics, University of Latvia, Riga, Latvia)
21	K. Matyjasek and <u>M. Orłowski</u> , COMPARISON OF POLARIZATION SWITCHING IN FERROELECTRIC TGS AND RELAXOR SBN SINGLE CRYSTALS (West Pomeranian University of Technology in Szczecin, Szczecin, Poland)
22	Renata Bujakiewicz-Korońska, Dawid M. Nalecz, INFLUENCE OF POINT DEFECTS ON THE BULK MODULUS AND ELECTRONIC STRUCTURE OF BiMnO ₃ (Institute of Physics, Pedagogical University, Kraków, Poland)
23	Krzysztof Ćwikiel, Ewa Nogas-Ćwikiel, SPRAY DRYING AS A METHOD OF PRODUCING TGS POWDERS (Silesian University, A. Chełkowski Institute of Physics, Katowice, Poland, Silesian University, Faculty of Materials Science and Computer Science, Sosnowiec, Poland)
24	E. Nogas-Ćwikiel, K. Ćwikiel, H. Bernard, TEXTURED Bi ₄ Ti ₃ O ₁₂ -PVC CERAMIC-POLYMER COMPOSITES (University of Silesia, Faculty of Computer Science and Materials Science, Sosnowiec, Poland, University of Silesia, Institute of Physics, Katowice, Poland)
25	D. Podsiadła, O. Czupiński, Z. Czapla, M. Drozd, VIBRATIONAL SPECTROSCOPIC PROPERTIES OF A [C(NH ₂) ₃] ₄ Cl ₂ SO ₄ FERROELECTRIC CRYSTAL CONTAINING GUANIDINIUM CATION – AN EXPERIMENTAL AND THEORETICAL STUDY (Institute of Experimental Physics, University of Wrocław, Wrocław, Poland, Faculty of Chemistry, University of Wrocław, Wrocław, Poland, Department of Physics, Opole University of Technology, Opole, Poland, Institute of Low Temperature and Structure Research of the Polish Academy of Sciences, Wrocław, Wrocław, Poland)
26	W. Śmiga and B. Garbarz-Glos, STUDY OF THE INFLUENCE OF UNIAXIAL PRESSURE ON THE ELECTRIC BEHAVIOUR Li _{0.015} Na _{0.985} NbO ₃ CERAMIC (Institute of Physics, Pedagogical University, Krakow, Poland)
27	C. Kajtoch, W. Bąk, B. Garbarz-Glos STUDY OF THE PHASE TRANSITION IN POLYCRYSTALLINE (Ba _{0.90} Pb _{0.10})(Ti _{0.90} Sn _{0.10})O ₃ (Institute of Physics, Pedagogical University, ul. Podchorążych 2, 30-084 Kraków, Poland)
28	K. Roleder, A. Bussmann-Holder, M. Górny, K. Szot and A. M. Glazer, PRE-TRANSITIONAL EFFECTS IN WELL KNOWN ABO ₃ PEROVSKITES (Institute of Physics, University of Silesia, Katowice, Poland, Max-Planck-Institut für Festkörperforschung, Stuttgart, Germany, Forschungszentrum Jülich, Jülich, Germany, Clarendon Laboratory, University of Oxford, UK)
29	O. S. Kushnir, V. S. Dzyubanski, Yu. G. Klymovych and R. Y. Shopa, STUDIES OF FLUCTUATION EFFECTS IN THE OPTICAL BIREFRINGENCE OF NaNO ₂ AND KFeF ₄ CRYSTALS (Electronics Department, Ivan Franko Lviv National University, Lviv, Ukraine)
30	B. Garbarz-Glos, W. Bąk, A. Molak and A. Kalvane, MICROSTRUCTURE, CALORIMETRIC AND DIELECTRIC INVESTIGATION OF HAFNIUM DOPED BARIUM TITANATE CERAMICS (Institute of Physics, Pedagogical University, Kraków, Institute of physics, University of Silesia, Katowice, Institute of Solid State Physics, University of Latvia, Riga)
31	D. Sitko, W. Bąk, B. Garbarz-Glos, M. Antonova and I. Jankowska-Sumara, EFFECT OF MnO ₂ ADDITION ON DIELECTRIC PROPERTIES OF BARIUM TITANATE CERAMICS (Institute of Physics, Pedagogical University, Kraków, Poland, Institute of Solid State Physics, University of Latvia, Riga, Latvia)
32	Yu. Kharchenko, O.V. Miloslavskaya, V.M. Khrustal'ov, V.M. Savitsky, M.F. Kharchenko, J. Wiecekowsk, M. U. Gutowska, A. Szewczyk, A. Wisniewski, R. Puzniak, J.-P. Rivera, and H. Schmid, MAGNETIC TRANSITIONS IN THE ANTIFERROMAGNETIC MAGNETOELECTRIC LiCoPO ₄ CRYSTAL: BIREFRINGENCE, HEAT CAPACITY AND MAGNETIC PROPERTIES (B. Verkin Institute for Low Temperature Physics and Engineering, National Academy of Sciences of Ukraine, Kharkiv, Ukraine, Institute of Physics, Polish Academy of Sciences, Warsaw, Poland, Department of Inorganic, Analytical and Applied Chemistry, University of Geneva, Geneva, Switzerland)
33	<u>I.V. Stasyuk</u> , O. Vorobyov, R. Ya. Stetsiv EQUILIBRIUM STATES OF ONE-DIMENSIONAL HYDROGEN-BONDED PROTON CONDUCTOR (Institute for Condensed Matter Physics of the National Academy of Sciences of Ukraine, Lviv, Ukraine)
34	<u>B. Staśkiewicz</u> , J. Baran, Z. Czapla INVESTIGATIONS OF THE PHASE TRANSITIONS IN [(CH ₃) ₂ CHNH ₃] ₄ CD ₃ CL ₁₀ CRYSTAL (Institute of Experimental Physics, University of Wrocław, Poland, Institute of Low Temperature and Structure Research, Polish Academy of Science, Wrocław, Poland, Department of Physics, Opole University of Technology, Poland)