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## Cumulative author index 1993–2003\*

- Abramishvili V.G.** see **Ryabchenko S.M.** 1999, vol. 2, No. 3(19), 543.
- Adamenko I., Skirda Ya.** Scaled particles' models and thermodynamic properties of *N*-alkanes. 1997, iss. 9, 13.
- Adamenko I.N., Chervanyov A.I., Nemchenko K.E.** Quantum and classical gases in confined geometry. 1997, iss. 9, 7.
- Adamenko I.N., Nemchenko K.E., Zhukov A.V., George T.F., Pandey L.N., Chung-In Um** Diffusion in two-component quasiparticle systems of liquid and solid mixtures of helium isotopes. 1999, vol. 2, No. 1(17), 63.
- Adamenko I.N., Nemchenko K.E.** Heat transfer and diffusion in multicomponent classical and quantum systems. 1996, iss. 8, 3.
- Adamyan V.M., Tkachenko I.M.** Linear static response of model plasmas and Yukhnovsky-Kelbg-Deutsch effective potential. 2000, vol. 3, No. 3(23), 641.
- Alekhin A.D., Bulavin L.A., Konvay D.B., Malyarenko D.I.** The particularities of binary mixture component movement near the exfoliation critical point. 1996, iss. 8, 11.
- Alekhin A.D., Bulavin L.A.** Critical liquid vapour phenomena under gravity. 1995, iss. 6, 5.
- Alekhin A.D., Ostapchuk Yu.L.** Dynamic scaling equation of state for nonequilibrium solution under gravity above consolute critical temperature. 2001, vol. 4, No. 3(27), 449.
- Altukhov V.I., Strukov B.A.** The critical phonon scattering and peculiarities of the transport phenomena in ferroelectric crystal. 2002, vol. 5, No. 4(32), 769.
- Anderson R.H., Miller M.D.** The properties of thin  $^3\text{He}$ - $^4\text{He}$  superfluid films. 2001, vol. 4, No. 2(26), 335.
- Andreev V.A.** see **Prilutskii Yu.I.** 1997, iss. 9, 47.
- Andriyevsky B.V., Czapla Z., Dacko S., Myshchyshyn O.Ya.** Optical and electric manifestations of incommensurate phase in  $\text{NH}_4\text{HSeO}_4$  crystals. 1999, vol. 2, No. 4(20), 685.
- Andriyevsky B.V., Myshchyshyn O.Ya., Romanyuk M.O.** Anisotropy of critical indices of ferroelectric phase transition in TGS crystals by the optical interference investigation. 1999, vol. 2, No. 4(20), 693.
- Andriyevsky B.V.** see **Myshchyshyn O.Ya.** 1999, vol. 2, No. 4(20), 703.
- Andriyevsky B.** see **Myshchyshyn O.** 1999, vol. 2, No. 3(19), 509.
- Andriyevsky B.** see **Romanyuk M.O.** 2002, vol. 5, No. 3(31), 579.
- Andrushchak A.S., Sydoryk I.V., Kaidan M.V., Vlokh R.O.** The cross-flow piezo-electrooptic effect in crystals. Example of lithium tantalate. 2000, vol. 3, No. 4(24), 857.
- Antonenko A.M., Domoratsky K.V., Kudzin A.Yu., Sadovskaya L.Ya.** Piezoelectric properties of  $\text{Bi}_2\text{TeO}_5$  single crystals. 1999, vol. 2, No. 4(20), 721.
- Antonevych O.P.** see **Holovko M.F.** 1996, iss. 7, 89.
- Antropov V.M.** see **Kumshayev S.B.**

\*During 1993–1997 the journal had only issue numeration (issues 1–12). Starting from 1998 the volume/number numeration is used. However, for backward compatibility the sequential issue number of the journal is still indicated in parenthesis.

- 1997, iss. 12, 189.
- Aoki K.M.** see **Lev B.I.** 2003, vol. 6, No. 1(33), 169.
- Arimitsu N., Arimitsu T.** Application of NETFD to the system of a localized-electron and phonons. 2000, vol. 3, No. 1(21), 103.
- Arimitsu N.** see **Arimitsu T.** 2003, vol. 6, No. 1(33), 85.
- Arimitsu T.** A canonical formalism of dissipative quantum systems. Non-equilibrium thermo field dynamics. 1994, iss. 4, 26.
- Arimitsu T., Arimitsu N.** Analysis of accelerations in turbulence based on generalized statistics. 2003, vol. 6, No. 1(33), 85.
- Arimitsu T.** see **Arimitsu N.** 2000, vol. 3, No. 1(21), 103.
- Arimitsu T.** see **Kobryn A.E.** 2003, vol. 6, No. 4(36), 637.
- Arimitsu T.** see **Tokarchuk M.V.** 1998, vol. 1, No. 3(15), 605.
- Arulepp M.** see **Lust E.** 2002, vol. 5, No. 2(30), 307.
- Aurbach D.** see **Levi M.D.** 2002, vol. 5, No. 2(30), 329.
- Avella A.** see **Mancini F.** 1998, vol. 1, No. 1(13), 11.
- Babin V.V.** see **Vakarchuk I.O.** 1998, vol. 1, No. 1(13), 161.
- Badiali J.-P.** Main points in my career. 2001, vol. 4, No. 4(28), 599.
- Badiali J.P.** Fractal behaviour of quantum paths in statistical physics. 2000, vol. 3, No. 3(23), 545.
- Badiali J.P.** Statistical mechanics in a discrete space-time. thermodynamics and time-irreversibility. 2003, vol. 6, No. 3(35), 375.
- Badiali J.P.** see **di Caprio D.** 2003, vol. 6, No. 4(36), 693.
- Badiali J.P.** see **Russier V.** 1996, iss. 7, 149.
- Badiali J.P.** see **Stafiej J.** 1997, iss. 12, 51.
- Badiali J.P.** see **Vakarin E.V.** 2001, vol. 4, No. 2(26), 251.
- Bafile U.** see **Zoppi M.** 2001, vol. 4, No. 2(26), 283.
- Bagchi B.** see **Miyazaki K.** 2001, vol. 4, No. 2(26), 315.
- Bagnuls C., Bervillier C.** Renormalization group domains of the scalar Hamiltonian. 2000, vol. 3, No. 3(23), 559.
- Bakai A.S.** Heterophase fluctuations in glass-forming liquids and random field Ising model. 2000, vol. 3, No. 3(23), 675.
- Bakai A.S., Lazarev N.P.** Cooperativity, cage effect and hopping diffusion in supercooled liquids and glasses. 2003, vol. 6, No. 3(35), 471.
- Bakai A.S.** see **Byshkin M.S.** 2003, vol. 6, No. 1(33), 93.
- Balescu R.** Strange diffusion. 1998, vol. 1, No. 4(16), 815.
- Banavar J.R.** see **Cieplak M.** 1999, vol. 2, No. 2(18), 369.
- Baran O.R.** see **Levitskii R.R.** 2000, vol. 3, No. 3(23), 515.
- Baran O.R.** see **Levitskii R.R.** 2001, vol. 4, No. 3(27), 523.
- Baran O.R.** see **Levitskii R.R.** 2002, vol. 5, No. 3(31), 553.
- Baran O.R.** see **Sorokov S.I.** 1997, iss. 9, 57.
- Barthel J., Krienke H., Holovko M.F., Kapko V.I., Protsykevich I.A.** The application of the associative mean spherical approximation in the theory of nonaqueous electrolyte solutions. 2000, vol. 3, No. 3(23), 657.
- Baryakhtar I.V.** Kinetic equation for solitons in sine-Gordon and nonlinear Schrödinger equations. 1999, vol. 2, No. 2(18), 227.
- Baryakhtar V., Gonchar V., Zhidkov A., Zhydkov V.** Radiation damages and self-sputtering of high-radioactive dielectrics: spontaneous emission of submicronic dust particles. 2002, vol. 5, No. 3(31), 449.
- Batsevych O., Mryglod I., Rudavskii Yu., Tokarchuk M.** On the statistical hydrodynamics for a binary mixture of

- magnetic and non-magnetic particles. 2001, vol. 4, No. 3(27), 499.
- Batsevych O.F., Mryglod I.M., Rudavskii Yu.K., Tokarchuk M.V.** Hydrodynamic excitation spectrum and time correlation functions for the multicomponent mixtures of magnetic and nonmagnetic particles. 2001, vol. 4, No. 2(26), 349.
- Baumketner A., Chushak Ya.** Bridge function for liquid Na. 1999, vol. 2, No. 1(17), 81.
- Bąk W., Garbarz B., Śmiga W., Kuś C.** Investigation of dielectric properties of  $\text{Li}_x\text{Na}_{1-x}\text{NbO}_3$  ceramics for  $x = 1$  and  $x = 4$ . 1999, vol. 2, No. 4(20), 727.
- Belousov E.L.** see **Kupnyi V.I.** 1997, iss. 12, 111.
- Belous A.G., Ovchar O.V., Mischuk D.O.** Temperature trends of the permittivity in complex oxides of rare-earth elements with perovskite-type structure. 2003, vol. 6, No. 2(34), 251.
- Belous A.G.** see **V'yunov O.I.** 2003, vol. 6, No. 2(34), 213.
- Bercha D.M., Glukhov K.E., Kharkhalis L.Yu.** Energy states in superlattices connected with incommensurate phase presence. 2003, vol. 6, No. 2(34), 221.
- Bercha D.M., Rushchanskii K.Z., Kharkhalis L.Yu., Sznajder M.** Structure similarity and lattice dynamics of InSe and  $\text{In}_4\text{Se}_3$  crystals. 2000, vol. 3, No. 4(24), 749.
- Bercha D.M., Rushchanskii K.Z., Slipukhina I.V., Bercha I.V.** Manifestation of deformation effect in band spectra in crystals with inhomogeneous bonding. 2003, vol. 6, No. 2(34), 229.
- Bercha I.V.** see **Bercha D.M.** 2003, vol. 6, No. 2(34), 229.
- Berezovsky S.V.** see **Klepikov V.F.** 1996, iss. 8, 69.
- Bervillier C.** see **Bagnuls C.** 2000, vol. 3, No. 3(23), 559.
- Blackmore D.** see **Prykarpatsky A.** 1995, iss. 6, 79.
- Blazhiewskii O.** see **Vavrukh M.** 1995, iss. 6, 155.
- Blazhiewskii O.** see **Vavrukh M.** 1997, iss. 9, 127.
- Blazhyjevskii L.F.** Field aspects of the method of collective variables for the system of charged particles. 1995, iss. 6, 23.
- Blazhyjevskii L.F., Hil' H.B., Krynytskyi Yu.S.** Many-particle correlation effects and magnetism of weakly relativistic electron gas. 1997, iss. 10, 3.
- Blazhyjevskii L.F., Krynytskyi Yu.S.** The canonical  $u-v$  Bogolubov transformation in a weakly relativistic statistical theory of a charged particle system. 1998, vol. 1, No. 3(15), 569.
- Blumen A.** see **Schulte-Frohlinde V.** 2003, vol. 6, No. 4(36), 703.
- Blum L.** Scaling in charged fluids: beyond simple ions. 2001, vol. 4, No. 4(28), 611.
- Blum L.** see **Fawcett W.R.** 1993, iss. 2, 76.
- Blum L., Hernando J.A.** Yukawa fluids: a new solution of the one component case. 2003, vol. 6, No. 3(35), 447.
- Bocker J., Toth G., Heinzinger K.** Structure and dynamics of water and hydrated ions near a liquid mercury surface as studied by molecular dynamics simulations. 1996, iss. 8, 17.
- Bogdan M.M., Kosevich A.M., Maugin G.A.** Formation of soliton complexes in dispersive systems. 1999, vol. 2, No. 2(18), 255.
- Bogolubov N.N., Jr.** Second order approximation for optical polarons in the strong coupling case. 1996, iss. 8, 37.
- Bogolubov N.N., Jr.** see **Soldatov A.V.** 2000, vol. 3, No. 2(22), 371.
- Bopp P.A.** see **Meier W.** 1993, iss. 2, 58.
- Borkowska Z.** see **Stafiej J.** 1997, iss. 12, 51.
- Boyko Ya.V.** see **Lutciv R.V.** 1999, vol. 2, No. 3(19), 481.
- Branca C., Magazù S., Migliardo F.** Star polymer/water solutions: new experi-

- mental findings. 2002, vol. 5, No. 2(30), 275.
- Brodyn M.S., Shevel S.G., Tishchenko V.V.** Experimental studies of the recombination processes in II-VI semiconductors (bulk crystals and epilayers) at variable excitation levels. 1999, vol. 2, No. 3(19), 531.
- Bryk T., Mryglod I.** Generalized collective modes approach: Mode contributions to time correlation functions in liquid lead. 2001, vol. 4, No. 3(27), 387.
- Bryk T., Mryglod I.** Propagating collective excitations in molten salts. 2003, vol. 6, No. 3(35), 395.
- Bryk T., Mryglod I.** Spectra of transverse excitations in liquid glass-forming metallic alloy Mg<sub>70</sub>Zn<sub>30</sub>: temperature dependence. 1999, vol. 2, No. 2(18), 285.
- Bryk T.M., Mryglod I.M., Trokhymchuk A.D.** Collective dynamics in single-particle motion for pure fluids. 2003, vol. 6, No. 1(33), 23.
- Bsoul I.A.** see **Kudzin A.Yu.** 1999, vol. 2, No. 1(17), 149.
- Bulavin L.A.** see **Alekhin A.D.** 1995, iss. 6, 5.
- Bulavin L.A.** see **Alekhin A.D.** 1996, iss. 8, 11.
- Burgess M.** Nonequilibrium action principles for quasi-fields. 2000, vol. 3, No. 1(21), 35.
- Bykov I.P.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Byshkin M.S., Bakai A.S., Lazarev N.P., Turkin A.A.** Simulation of synthesis of cluster-assembled nanostructured materials. 2003, vol. 6, No. 1(33), 93.
- Bystrenko O., Bystrenko T., Zagorodny A.** Screening of high-*Z* grains and related phenomena in colloidal plasmas. 2003, vol. 6, No. 3(35), 425.
- Bystrenko O., Zagorodny A.** Nonlinear phenomena in screening of highly charged grains in plasmas. 1998, vol. 1, No. 1(13), 169.
- Bystrenko T.** see **Bystrenko O.** 2003, vol. 6, No. 3(35), 425.
- Caillol J.-M.** see **Mazars M.** 2001, vol. 4, No. 4(28), 697.
- Di Caprio D.** see **Russier V.** 1996, iss. 7, 149.
- di Caprio D., Holovko M.F., Badi-ali J.P.** Density field theory to study association in a Yukawa fluid. Role of the fluctuations. 2003, vol. 6, No. 4(36), 693.
- di Caprio D., Stafiej J.** A field theoretical approach to the Debye-Hückel electrolyte differential capacitance in a slab. 2001, vol. 4, No. 4(28), 715.
- Cáceres M.O.** see **Chattah A.K.** 2000, vol. 3, No. 1(21), 51.
- Celli M.** see **Corradi G.** 2003, vol. 6, No. 3(35), 499.
- Celli M.** see **Zoppi M.** 2001, vol. 4, No. 2(26), 283.
- Chalupka S.** see **Lengyel V.** 1998, vol. 1, No. 3(15), 575.
- Chalyi A.V., Chalyi K.A., Chernenko L.M., Vasil'ev A.N.** Critical behaviour of confined systems. 2000, vol. 3, No. 2(22), 335.
- Chalyi A.V., Khiznyak D.A., Tsehmister Ya.V.** Hopf and Turing bifurcations in fluctuational models of self-organization. 1997, iss. 9, 19.
- Chalyi K.A.** see **Chalyi A.V.** 2000, vol. 3, No. 2(22), 335.
- Chapman W.G.** see **Tripathi S.** 2003, vol. 6, No. 3(35), 523.
- Chashchin N.I.** see **Izyumov Yu.A.** 1998, vol. 1, No. 1(13), 41.
- Chashka H.B.** see **Mamalui A.A.** 1999, vol. 2, No. 4(20), 617.
- Chattah A.K., Cáceres M.O.** Quantum dissipation and phenomenological approaches. 2000, vol. 3, No. 1(21), 51.
- Checherov K.P.** Analysis of the thermal methods used to determine the amount of nuclear fuel in the sarcophagus. 1997, iss. 12, 97.
- Checherov K.P., Kumshaev S.B., Tokarchuk M.V.** Scale of radionuclide emission at the Chornobyl Nuclear Power

- Plant in 1986 (The analysis of estimations). 2000, vol. 3, No. 3(23), 597.
- Checherov K.P.** see **Kumshayev S.B.** 1997, iss. 12, 133.
- Checherov K.P.** see **Kumshayev S.B.** 1997, iss. 12, 147.
- Checherov K.P.** see **Kumshayev S.B.** 1997, iss. 12, 173.
- Chen X.S., Forstmann F.** The demixing phase instability in the ion-dipole mixture. 2001, vol. 4, No. 4(28), 679.
- Chernenko L.M.** see **Chalyi A.V.** 2000, vol. 3, No. 2(22), 335.
- Chernyavskii O.** see **Derzhko O.** 1995, iss. 6, 35.
- Chervanyov A.I.** see **Adamenko I.N.** 1997, iss. 9, 7.
- Chong S.-H.** see **Hirata F.** 2001, vol. 4, No. 2(26), 261.
- Christiansen P.L.** see **Zolotaryuk A.V.** 1999, vol. 2, No. 2(18), 293.
- Chupis I.E.** Manifestations of the electron orbital moment in high-frequency properties of ferroelectrics with 3d-ions. 1999, vol. 2, No. 4(20), 745.
- Chushak Ya.** see **Baumketner A.** 1999, vol. 2, No. 1(17), 81.
- Chung-In Um** see **Adamenko I.N.** 1999, vol. 2, No. 1(17), 63.
- Chyhin V.I.** Physical mechanisms of negative corona current pulse with secondary oscillation. 2002, vol. 5, No. 3(31), 429.
- Cieplak M., Henkel M., Banavar J.R.** Master equation approach to protein folding. 1999, vol. 2, No. 2(18), 369.
- Colognesi D.** see **Corradi G.** 2003, vol. 6, No. 3(35), 499.
- Corradi G., Colognesi D., Celli M., Zoppi M.** Mean kinetic energy and final state effects in liquid hydrogens from inelastic neutron scattering. 2003, vol. 6, No. 3(35), 499.
- Czapla Z.** see **Andriyevsky B.V.** 1999, vol. 2, No. 4(20), 685.
- Czapla Z.** see **Stasyuk I.** 2003, vol. 6, No. 3(35), 483.
- Czapla Z.** see **Stasyuk I.V.** 2000, vol. 3, No. 1(21), 213.
- Czukwinski R.** see **Stasyuk I.V.** 2000, vol. 3, No. 1(21), 213.
- Dacko S.** see **Andriyevsky B.V.** 1999, vol. 2, No. 4(20), 685.
- Dacko S.** see **Stasyuk I.** 2003, vol. 6, No. 3(35), 483.
- Danyliv O.D., Stasyuk I.V.** The analysis of ferroelectric type instabilities in the two-sublattice model of high temperature superconducting systems. 1996, iss. 7, 163.
- Danyliv O.D., Stasyuk I.V.** The phase separation effects in a pseudospin-electron model. 2002, vol. 5, No. 3(31), 523.
- Darewych J.** Few-particle eigenstates in the Yukawa model. 1998, vol. 1, No. 3(15), 593.
- Darewych J.** Variational two-particle wave equation in scalar quantum field theory. 2000, vol. 3, No. 3(23), 633.
- Datsko S.** see **Shvets V.T.** 2002, vol. 5, No. 3(31), 511.
- Derzhko O.** There is life in the old horse yet or what else we can learn studying spin-1/2 XY chains. 2002, vol. 5, No. 4(32), 729.
- Derzhko O., Krokhmalskii T., Zaburannyi O.** Spin-1/2 XX chains in a transverse field with regular nonuniformity or correlated Lorentzian disorder. 1999, vol. 2, No. 2(18), 339.
- Derzhko O., Levitskii R., Chernyavskii O.** Equilibrium properties of the gas of atoms of which a part is excited within cluster expansion method. 1995, iss. 6, 35.
- Derzhko O.V., Levitskii R.R., Moina A.Ph.** Approximation of Bose commutation rules and elementary excitation spectrum in the spin systems theory. 1993, iss. 1, 115.
- Derzhko O.V., Moina A.Ph.** Statistical mechanics of one-dimensional  $S = 1/2$  anisotropic XY model in transverse field with Dzyaloshinskii-Moriya interaction. 1994, iss. 3, 3.
- Devereaux T.P.** see **Freericks J.K.** 2001, vol. 4, No. 1(25), 149.

**Didukh L.** A modified form of the polar model of crystals. 1998, vol. 1, No. 1(13), 125.

**Didukh L., Hankevych V.** Pressure-temperature phase diagram of the generalized Hubbard model with correlated hopping at half-filling. 2001, vol. 4, No. 1(25), 93.

**Didukh L., Hankevych V.** Temperature-induced metal-insulator transition in a non-symmetric Hubbard model at half-filling. 1999, vol. 2, No. 3(19), 447.

**Didukh L., Kramar O.** Ground state ferromagnetism in a generalized Hubbard model with strong correlations. 2003, vol. 6, No. 1(33), 145.

**Didukh L., Kramar O., Skorenkyy Yu.** Ferromagnetic ordering in a generalized Hubbard model. 2001, vol. 4, No. 1(25), 101.

**Didukh L., Skorenkyy Yu.** Electron correlations in narrow energy bands: ground state energy and metal-insulator transition. 2000, vol. 3, No. 4(24), 787.

**Didukh L., Skorenkyy Yu., Dovhopaty Yu.** Energy spectrum of a doubly orbitally degenerate model with non-equivalent subbands. 2001, vol. 4, No. 3(27), 491.

**Diestelhorst M.** What can we learn about ferroelectrics using methods of nonlinear dynamics?. 2003, vol. 6, No. 2(34), 189.

**Dietl T.** Ferromagnetic transition in diluted magnetic semiconductors. 1999, vol. 2, No. 3(19), 495.

**Dmytryiv G.S.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.

**Dodarbekov A.** see **Odinaev S.** 2001, vol. 4, No. 2(26), 277.

**Domoratsky K.V., Dudnik E.F., Katkov V.F., Sadovskaya L.Ya.** X-ray investigations of phase transition in  $\text{Bi}_2\text{TeO}_5$  single crystals. 1999, vol. 2, No. 4(20), 591.

**Domoratsky K.V.** see **Antonenko A.M.** 1999, vol. 2, No. 4(20), 721.

**Dorogany V.** see **Mitin O.B.** 2000, vol. 3, No. 4(24), 777.

**Dorosh L.** see **Rudavsky Yu.** 1998, vol. 1, No. 1(13), 145.

**Dorosh L.A.** see **Rudavskii Yu.K.** 2001, vol. 4, No. 1(25), 141.

**Doubova L.M., Trasatti S.** The temperature coefficient of the potential of zero charge of Ag single crystal face electrodes in aqueous electrolyte solution. 2001, vol. 4, No. 4(28), 759.

**Douglas J.F.** see **Mansfield M.L.** 2002, vol. 5, No. 2(30), 249.

**Dovhopaty Yu.** see **Didukh L.** 2001, vol. 4, No. 3(27), 491.

**Dragan G.S.** see **Vishnyakov V.I.** 2003, vol. 6, No. 4(36), 687.

**Drobnich A., Vysochanskii Yu.** Dipole models of proper ferroelectrics  $\text{NaNO}_2$  and  $\text{Sn}(\text{Pb})_2\text{P}_2\text{S}(\text{Se})_6$ . 1998, vol. 1, No. 2(14), 331.

**Drobnich A.V., Molnar A.A., Gomonnai A.V., Vysochanskii Yu.M., Prits I.P.** The effect of size factor on the phase transition in  $\text{Sn}_2\text{P}_2\text{S}_6$  crystals: experimental data and simulation in ANNNI model. 2003, vol. 6, No. 2(34), 205.

**Drobnich A.** see **Vysochanskii Yu.** 2002, vol. 5, No. 4(32), 669.

**Dublenych Yu.I.** Phase transitions and phase separation in a pseudospin-electron model with direct interaction between pseudospins and with transverse field. 2000, vol. 3, No. 4(24), 815.

**Dubyk S.** see **Mryglod I.** 1999, vol. 2, No. 2(18), 221.

**Duda A.S.** see **Levitskii R.R.** 2002, vol. 5, No. 3(31), 541.

**Duda A.S.** see **Stasyuk I.V.** 1996, iss. 8, 129.

**Duda A.S.** see **Stasyuk I.V.** 2001, vol. 4, No. 3(27), 553.

**Duda Yu., Trokhymchuk A.** Towards a simplified approach to the modelling of the star-like molecule fluids. 2002, vol. 5, No. 2(30), 227.

- Duda Yu.** see **Orea P.** 2003, vol. 6, No. 4(36), 573.
- Duda Yu.Ja.** see **Kalyuzhnyi Yu.V.** 1993, iss. 2, 20.
- Dudka M., Folk R., Holovatch Yu.** On the critical behaviour of random anisotropy magnets. 2001, vol. 4, No. 1(25), 77.
- Dudka M., Folk R., Holovatch Yu.** On the critical behaviour of random anisotropy magnets: cubic anisotropy. 2001, vol. 4, No. 3(27), 459.
- Dudnik E.F.** see **Domoratsky K.V.** 1999, vol. 2, No. 4(20), 591.
- Dugaev V.K., Mironov O.A., Kosyachenko S.V.** Piezoelectric effect in p-Si/SiGe/(001)Si modulation doped heterostructures. 2000, vol. 3, No. 4(24), 835.
- Dugaev V.K.** see **Slobodskyy A.H.** 2002, vol. 5, No. 3(31), 531.
- Dukhovii V.V.** see **Kozlovskii M.P.** 2000, vol. 3, No. 4(24), 727.
- Dukhovii V.V.** see **Kozlovskii M.P.** 1997, iss. 11, 17.
- Duviryak A., Nazarenko A., Tretyak V.** Classical relativistic system of  $N$  charges. Hamiltonian description, forms of dynamics, and partition function. 2001, vol. 4, No. 1(25), 5.
- Duviryak A., Shpytko V., Tretyak V.** Isotropic forms of dynamics in the relativistic direct interaction theory. 1998, vol. 1, No. 3(15), 463.
- Duvirvak A.A., Tretyak V.I.** Classical relativistic two-body dynamics on the light cone. 1993, iss. 1, 92.
- Dzubiella J., Jusufi A.** Star-polymer-colloid mixtures. 2002, vol. 5, No. 2(30), 285.
- Ebeling W.** Canonical nonequilibrium statistics and applications to Fermi-Bose systems. 2000, vol. 3, No. 2(22), 285.
- Efremov A.A.** see **Litovchenko V.G.** 1999, vol. 2, No. 3(19), 561.
- Ekoka A.** see **Stafiej J.** 1997, iss. 12, 51.
- Eremeichenkova Yu.V.** see **Metlov L.S.** 2003, vol. 6, No. 1(33), 105.
- Ermakov A.S.** see **Trubitsyn M.P.** 1999, vol. 2, No. 4(20), 677.
- Fartushinsky R.B.** see **Tkach M.V.** 2001, vol. 4, No. 3(27), 579.
- Fawcett W.R., Blum L.** A simple model for ion solvation with non additive cores. 1993, iss. 2, 76.
- Fedorovich R.D., Naumovets A.G., Tomchuk P.M.** Anomalous properties of small particles and of their ensembles. 1996, iss. 7, 5.
- Fekete Yu.** see **Lengyel V.** 1998, vol. 1, No. 3(15), 575.
- Fenz W., Folk R.** Monte Carlo simulation of phase equilibria in Ising fluids and their mixtures. 2003, vol. 6, No. 4(36), 675.
- von Ferber C.** see **Schulte-Frohlinde V.** 2003, vol. 6, No. 4(36), 703.
- von Ferber C., Holovatch Yu.** Statistics of multicomponent polymer stars. 1997, iss. 10, 9.
- von Ferber C., Holovatch Yu., Schäfer L.** Diffusion near an absorbing polymer: multifractal dimensions. 1996, iss. 7, 15.
- von Ferber C., Holovatch Yu.V.** Star exponents in polymer theory: renormalization group results in three dimensions. 1995, iss. 5, 8.
- von Ferber Ch., Holovatch Yu.** Field-theoretical renormalization group analysis for the scaling exponents of star polymers. 2002, vol. 5, No. 1(29), 117.
- von Ferber Ch., Holovatch Yu.** Multifractal dimension spectra in polymer physics. 1999, vol. 2, No. 2(18), 303.
- Feodosyev S.B., Gospodarev I.A., Gryshaev A.V., Gryshaev V.I., Mamalui M.A., Minaev P.A., Syrkin E.S.** Oscillatory spectra of surface atoms in strongly anisotropic layered crystal (quasi-1D behaviour). 2000, vol. 3, No. 4(24), 767.
- Filippov A.E.** Numerically simulated 3D-structures of the fluctuating fields. 2001, vol. 4, No. 4(28), 727.
- Fishchuk I.I., Goliney I.Yu., Sugakov V.I., Zinets O.S.** Simulation of

- physical properties of fuel containing materials. 1997, iss. 12, 27.
- Folk R.** Critical transport and critical scattering in fluids. 2000, vol. 3, No. 2(22), 359.
- Folk R.** see **Dudka M.** 2001, vol. 4, No. 1(25), 77.
- Folk R.** see **Dudka M.** 2001, vol. 4, No. 3(27), 459.
- Folk R.** see **Fenz W.** 2003, vol. 6, No. 4(36), 675.
- Folk R.** see **Mryglod I.** 1999, vol. 2, No. 2(18), 221.
- Folk R.** see **Omelyan I.P.** 2000, vol. 3, No. 3(23), 497.
- Folk R.** see **Omelyan I.P.** 2002, vol. 5, No. 3(31), 369.
- Folk R.** see **Schinagl F.** 1999, vol. 2, No. 2(18), 313.
- Folk R., Moser G.** Critical sound in fluids and mixtures. 1999, vol. 2, No. 2(18), 243.
- Folk R., Moser G.** Transport coefficients in pure fluids and mixtures near a critical point: comparison of the one loop order results with experiment. 1996, iss. 7, 27.
- Forstmann F.** see **Chen X.S.** 2001, vol. 4, No. 4(28), 679.
- Forstmann F.** see **Vossen M.** 1997, iss. 9, 137.
- Freericks J.K., Devereaux T.P.** Non-resonant Raman scattering through a metal-insulator transition: an exact analysis of the Falicov-Kimball model. 2001, vol. 4, No. 1(25), 149.
- Frenkel O.A.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Gaida R., Tretyak V., Yaremko Yu.** Quasi-relativistic center-of-mass variables in applications. 1998, vol. 1, No. 3(15), 425.
- Gajjar P.N.** see **Thakor P.B.** 2001, vol. 4, No. 3(27), 473.
- Gajjar P.N.** see **Thakor P.B.** 2002, vol. 5, No. 3(31), 493.
- Ganazzoli F.** Conformations and dynamics of stars and dendrimers: the Gaussian Self-Consistent approach. 2002, vol. 5, No. 1(29), 37.
- Garbarz B.** Temperature changes of Seebeck coefficient of SbSJ modified. 1999, vol. 2, No. 4(20), 621.
- Garbarz B.** see **Bak W.** 1999, vol. 2, No. 4(20), 727.
- Garmash E.P.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- George T.F.** see **Adamenko I.N.** 1999, vol. 2, No. 1(17), 63.
- Gerasimenko V.I., Kondratiev Yu.G., Kuna T., Petrina D.Ya.** Evolution of observables and quasiobservables in classical statistical mechanics. 2000, vol. 3, No. 2(22), 239.
- Gerasimov O.I., Idomskyy V.A., Schram P.P.-J.M.** Compaction of granular graphite in a vertically vibrating container with restricted geometry. 2001, vol. 4, No. 1(25), 161.
- Gerasimov O.I., Khudyntsev N.N.** Fluctuational dynamics and the structure factor of nonlinear reactive systems on a 1D lattice. 1999, vol. 2, No. 1(17), 75.
- Gerasimov O.I., Khudyntsev N.N.** Tamm resonances and minibands in the models of atomic chains and superlattices. 2000, vol. 3, No. 1(21), 175.
- Gerasimov O.I., Schram P.P.J.-M.** Static correlations in the ordered colloidal systems. 1999, vol. 2, No. 3(19), 401.
- Gerzanich E.I.** see **Kedyulich V.M.** 2000, vol. 3, No. 4(24), 851.
- Gerzanich E.I.** see **Kedyulich V.M.** 2002, vol. 5, No. 4(32), 761.
- Gerzanich E.I.** see **Kedyulich V.M.** 2003, vol. 6, No. 2(34), 271.
- Gerzanich E.I.** see **Slivka A.G.** 1999, vol. 2, No. 3(19), 415.
- Gladyshevskii R.** see **Myagkota S.** 2003, vol. 6, No. 2(34), 325.
- Glinchuk M.D.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Gloskovskii A.** see **Myagkota S.** 2003, vol. 6, No. 2(34), 325.

- Glukhov K.E.** see **Bercha D.M.** 2003, vol. 6, No. 2(34), 221.
- Goliney I.Yu.** see **Fishchuk I.I.** 1997, iss. 12, 27.
- Golovach V.N.** see **Tkach M.V.** 1999, vol. 2, No. 3(19), 553.
- Gomonnai A.V.** see **Drobnich A.V.** 2003, vol. 6, No. 2(34), 205.
- Gonchar N.S.** Mathematical model of a stock market. 2000, vol. 3, No. 3(23), 461.
- Gonchar N.S., Hajduk H.G.** Modulated structures in the ANNNI model with an external magnetic field near criticality. 1999, vol. 2, No. 1(17), 3.
- Gonchar V.** see **Baryakhtar V.** 2002, vol. 5, No. 3(31), 449.
- Gonçalves L.L.** see **Vieira A.P.** 1995, iss. 5, 210.
- Gorbar E.V., Loktev V.M., Sharapov S.G.** Crossover from BCS to local pair superconductivity in quasi-2D systems. 1996, iss. 7, 53.
- Gorshkov V.N.** see **Vladimirov V.V.** 1996, iss. 8, 167.
- Gospodarev I.A.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Goychuk I.A., Petrov E.G.** Dynamics of a dissipative quantum system driven by dichotomous noise: an exact treatment. 1996, iss. 7, 61.
- Götze W.** The essentials of the mode-coupling theory for glassy dynamics. 1998, vol. 1, No. 4(16), 873.
- Grabar A.A.** see **Shchur Ya.I.** 1999, vol. 2, No. 1(17), 93.
- Grabar A.A.** see **Yevych R.M.** 2003, vol. 6, No. 2(34), 315.
- Gryshaev A.V.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Gryshaev V.I.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Guarini E.** see **Zoppi M.** 2001, vol. 4, No. 2(26), 283.
- Guivan A.M.** see **Kedyulich V.M.** 2002, vol. 5, No. 4(32), 761.
- Guivan A.M.** see **Kedyulich V.M.** 2003, vol. 6, No. 2(34), 271.
- Gujrati P.D.** Inversion symmetry, architecture and dispersity, and their effects on thermodynamics in bulk and confined regions: From randomly branched polymers to linear chains, stars and dendrimers. 2002, vol. 5, No. 1(29), 137.
- Guranich P.P.** see **Slivka A.G.** 1999, vol. 2, No. 3(19), 415.
- Gurskii Z.** On collective variables method in the microscopic theory of alloys. 2000, vol. 3, No. 2(22), 307.
- Gurskii Z., Khokhlov Yu.** Atomic static displacements and their effect on the short range order in alloys. 1998, vol. 1, No. 2(14), 389.
- Gurskii Z., Krawczyk J.** Ab initio derivation of interatomic interactions in transition metals. 2001, vol. 4, No. 1(25), 37.
- Gurskii Z., Krawczyk J.** How does one extract many-body interatomic potentials from ab-initio band structure calculations. 1999, vol. 2, No. 3(19), 383.
- Gurskii Z.O.** see **Khokhlov Yu.** 1995, iss. 5, 42.
- Gurzan M.I.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 293.
- Gurzan M.I.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 301.
- Hachkevych A.M.** see **Mryglod I.M.** 1995, iss. 5, 105.
- Hajduk H.G.** see **Gonchar N.S.** 1999, vol. 2, No. 1(17), 3.
- Hankevych V.** see **Didukh L.** 1999, vol. 2, No. 3(19), 447.
- Hankevych V.** see **Didukh L.** 2001, vol. 4, No. 1(25), 93.
- Hannongbua S., Kiselev M., Heinzinger K.** Molecular Dynamics simulations of supercritical ammonia and metal-ammonia solutions. 2000, vol. 3, No. 2(22), 381.
- Hannongbua S., Remsungnen T., Kiselev M., Heinzinger K.** The structure of concentrated Li-ammonia solutions as derived from MD simulations. 2003, vol. 6, No. 3(35), 459.

- Harreis H.M.** see **Likos C.N.** 2002, vol. 5, No. 1(29), 173.
- Havrylyuk Yu.** see **Stasyuk I.V.** 1999, vol. 2, No. 3(19), 487.
- Hayashi R.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- Hayashi T.** see **Kobryn A.E.** 2003, vol. 6, No. 4(36), 637.
- Haymet A.D., Pizio O.A., Henderson D.** Integral equations for the correlation functions of fluids near walls. 1993, iss. 2, 36.
- Heinzinger K.** Ionic hydration near a platinum(100) surface. 1997, iss. 11, 3.
- Heinzinger K.** see **Bocker J.** 1996, iss. 8, 17.
- Heinzinger K.** see **Hannongbu S.** 2000, vol. 3, No. 2(22), 381.
- Heinzinger K.** see **Hannongbu S.** 2003, vol. 6, No. 3(35), 459.
- Heinzinger K., Palinkas G.** On the solvation of ions in methanol. 1993, iss. 2, 44.
- Heinzinger K., Schäfer H.** On the hydration of ions. 1999, vol. 2, No. 2(18), 273.
- Henderson D.** Triplet correlations in fluids. 1993, iss. 2, 31.
- Henderson D.** see **Haymet A.D.** 1993, iss. 2, 36.
- Henderson D.** see **Wassan D.T.** 2001, vol. 4, No. 2(26), 361.
- Henderson D., Pizio O., Sokolowski S., Trokhymchuk A.** Adsorption of a heterogeneously associating fluid on a *fcc*-100 crystalline surface. 1996, iss. 7, 71.
- Henderson D., Sokolowski S.** Bridge functions calculated from a second-order approximation from hard spheres and a Lennard-Jones fluid. 1996, iss. 8, 51.
- Henderson D., Wassan D.T., Trokhymchuk A.** Towards the interaction between large solutes in a fluid of small hard spheres. 2001, vol. 4, No. 4(28), 779.
- Henkel M.** see **Cieplak M.** 1999, vol. 2, No. 2(18), 369.
- Henning P.A.** Damping rate of a massive fermion in a hot medium. 2000, vol. 3,
- No. 1(21), 75.
- Hera O.B.** see **Stasyuk I.V.** 2003, vol. 6, No. 1(33), 127.
- Hernando J.A.** see **Blum L.** 2003, vol. 6, No. 3(35), 447.
- Hil' H.B.** see **Blazhyjevskii L.F.** 1997, iss. 10, 3.
- Hilczer B.** see **Pavlenko N.** 1998, vol. 1, No. 2(14), 357.
- Hirata F.** see **Kovalenko A.** 2003, vol. 6, No. 4(36), 583.
- Hirata F., Chong S.-H.** Collective density fluctuations and dynamics of ions in water studied by the interaction-site model of liquids. 2001, vol. 4, No. 2(26), 261.
- Hirata F., Kovalenko A.** Description of a polar molecular liquid in a disordered microporous material with activating chemical groups by a replica RISM theory. 2001, vol. 4, No. 4(28), 643.
- Hiwatari Y.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- Hnatyk B., Petruk O.** Supernova remnants as cosmic ray accelerators. SNR IC 443. 1998, vol. 1, No. 3(15), 655.
- Holod I.** see **Zagorodny A.** 2000, vol. 3, No. 2(22), 295.
- Holovatch Yu.** On the method for study of the critical behaviour of spin models in arbitrary space dimension. 1994, iss. 3, 33.
- Holovatch Yu.** see **Dudka M.** 2001, vol. 4, No. 1(25), 77.
- Holovatch Yu.** see **Dudka M.** 2001, vol. 4, No. 3(27), 459.
- Holovatch Yu.** see **von Ferber C.** 1997, iss. 10, 9.
- Holovatch Yu.** see **von Ferber C.** 1996, iss. 7, 15.
- Holovatch Yu.** see **von Ferber Ch.** 1999, vol. 2, No. 2(18), 303.
- Holovatch Yu.** see **von Ferber Ch.** 2002, vol. 5, No. 1(29), 117.
- Holovatch Yu.** see **Schulte-Frohlinde V.** 2003, vol. 6, No. 4(36), 703.
- Holovatch Yu., Yavors'kii T.** The field theoretical approach to study of the

critical behaviour of the weakly diluted quenched Ising model in general dimensions. Three-loop approximation. 1997, iss. 11, 87.

**Holovatch Yu.V.** see **von Ferber C.**  
1995, iss. 5, 8.

**Holovatsky V.A., Voitsekhlivska O.M., Mikhalyova M.J., Tkach M.M.** Electron spectrum in confined cylindrical nanoheterosystem with finite depth of potential well. 2000, vol. 3, No. 4(24), 863.

**Holovko M.** see **Patsahan T.** 2003, vol. 6, No. 1(33), 3.

**Holovko M.F.** New aspects in the theory of aqueous electrolyte solutions: the effects of cation hydrolysis and polynuclear ion formation. 1997, iss. 12, 13.

**Holovko M.F.** The multi-density integral equation approach in the theory of complex liquids. 1999, vol. 2, No. 2(18), 205.

**Holovko M.F.** see **Barthel J.** 2000, vol. 3, No. 3(23), 657.

**Holovko M.F.** see **di Caprio D.** 2003, vol. 6, No. 4(36), 693.

**Holovko M.F.** see **Kalyuzhnyi Yu.V.**  
2002, vol. 5, No. 2(30), 211.

**Holovko M.F.** see **Kapko V.I.** 2001, vol. 4, No. 2(26), 201.

**Holovko M.F.** see **Protsykevich I.A.**  
1997, iss. 10, 137.

**Holovko M.F.** see **Sokolovska T.G.**  
1997, iss. 11, 109.

**Holovko M.F.** see **Vakarin E.V.** 2001, vol. 4, No. 2(26), 251.

**Holovko M.F.** see **Vakarin E.V.** 2001, vol. 4, No. 4(28), 749.

**Holovko M.F.** see **Vakarin E.V.** 2003, vol. 6, No. 1(33), 119.

**Holovko M.F., Antonevych O.P.** Associative reference model in statistical theory of ionic-aqueous solutions. 1996, iss. 7, 89.

**Holovko M.F., Kapko V.** Analytical solution of the associative mean spherical approximation for the ion-dipole model. 1998, vol. 1, No. 2(14), 239.

**Holovko M.F., Kovalenko A.F., Sovyak E.M.** The quantum properties of a particle near a non-metallic surface. 1993, iss. 1, 29.

**Holovko M.F., Polishchuk Z.V.** The screening potentials of ion-dipole system adsorbed in ion-dipolar disordered matrices. 1999, vol. 2, No. 2(18), 267.

**Holovko M.F., Sovyak E.M.** On taking account of interactions in the theory of electrolyte solutions. 1995, iss. 6, 49.

**Holovko M.F., Vakarin E.V.** Modelling of the elementary surface processes occurring in the course of heterogeneous catalytic reactions. 2000, vol. 3, No. 2(22), 417.

**Holubets' T.V.** see **Stasyuk I.V.**  
1999, vol. 2, No. 2(18), 345.

**Horsch P.** see **Plakida N.M.** 1996, iss. 7, 139.

**Humenyuk Y.A.** see **Tokarchuk M.V.** 2000, vol. 3, No. 4(24), 711.

**Idomskyy V.A.** see **Gerasimov O.I.**  
2001, vol. 4, No. 1(25), 161.

**Idzyk I.M.** see **Yukhnovskii I.R.**  
1995, iss. 6, 137.

**Idzyk I.M.** see **Yukhnovskii I.R.**  
1993, iss. 1, 5.

**Idzyk I.M., Kolomiets V.O.** A role of 3-body effects in a description of the critical behaviour of simple real fluids. 1996, iss. 7, 101.

**Ignatyuk V.V.** Calculation of transport coefficients dispersion and a dynamic structure factor of simple liquid. 1999, vol. 2, No. 1(17), 37.

**Ignatyuk V.V.** Short-wavelength asymptotics of time correlation functions. 2001, vol. 4, No. 2(26), 243.

**Ignatyuk V.V.** see **Kostrobii P.P.**  
2003, vol. 6, No. 3(35), 409.

**Ignatyuk V.V.** see **Yukhnovskii I.R.**  
1997, iss. 12, 63.

**Ilnytskyi Ja.M.** Nematic-isotropic transition in a weakly diluted lattice model: Monte Carlo study. 1999, vol. 2, No. 2(18), 189.

- Ilnytskyi Ja.M., Kozlovskii M.P.** Theory of phase transitions by the collective variable method: accurate critical indices and detailed comparison with the other approaches. 1995, iss. 5, 23.
- Iro H.** see **Schinagl F.** 1999, vol. 2, No. 2(18), 313.
- Isayev A.A., Kovalevsky M.Yu., Peteminsky S.V.** Hamiltonian dynamics of condensed media with spontaneously broken phase invariance. 1997, iss. 10, 41.
- Isayev A.A., Kovalevsky M.Yu., Peteminsky S.V.** Variational principle and low-frequency dynamics of magnetic systems. 1994, iss. 3, 57.
- Isayev A.A., Kovalevsky M.Yu.** On hydrodynamic theory of quantum spin crystals. 1996, iss. 8, 57.
- Ivankiv O.L.** see **Stasyuk I.V.** 1999, vol. 2, No. 2(18), 345.
- Ivankiv O.L.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.
- Ivankiv Ya.** Raman scattering in crystals with order-disorder type phase transition. 1999, vol. 2, No. 3(19), 523.
- Ivankiv Ya.L.** see **Stasyuk I.V.** 1999, vol. 2, No. 1(17), 155.
- Izvekov S.V.** Polarons by the nonlocal dynamical coherent potential method. 1997, iss. 11, 117.
- Izyumov Yu.A., Chashchin N.I.**  $tJ$ -model in terms of equations with variational derivatives. 1998, vol. 1, No. 1(13), 41.
- Jani A.R.** see **Thakor P.B.** 2001, vol. 4, No. 3(27), 473.
- Jani A.R.** see **Thakor P.B.** 2002, vol. 5, No. 3(31), 493.
- Jänes A.** see **Lust E.** 2002, vol. 5, No. 2(30), 307.
- Jusufi A.** see **Dzubiella J.** 2002, vol. 5, No. 2(30), 285.
- Kahlbaum T.** The reduced distribution functions for charged particles with many-body interactions. 2001, vol. 4, No. 2(26), 187.
- Kaidan M.V.** see **Andrushchak A.S.** 2000, vol. 3, No. 4(24), 857.
- Kalyuzhnyi Yu.V.** Polymer Percus-Yevick ideal chain approximation for the Lennard-Jones chain fluid. 1997, iss. 10, 51.
- Kalyuzhnyi Yu.V.** Solution of the polymer Percus-Yevick approximation for the multiarm star polymerization. 1997, iss. 11, 71.
- Kalyuzhnyi Yu.V., Duda Yu.Ja.** Analytic solution of the Wertheim's PY approximation for the shielded sticky-point model of associating liquid. 1993, iss. 2, 20.
- Kalyuzhnyi Yu.V., Holovko M.F.** Polymer mean spherical approximation for the fluid of flexible hard-sphere Yukawa star molecules. 2002, vol. 5, No. 2(30), 211.
- Kamitsos E.I.** see **Varsamis Ch.-P.E.** 2001, vol. 4, No. 1(25), 119.
- Kapko V.** see **Holovko M.F.** 1998, vol. 1, No. 2(14), 239.
- Kapko V.I.** see **Barthel J.** 2000, vol. 3, No. 3(23), 657.
- Kapko V.I., Holovko M.F.** Associative electrolyte solution near the charge hard wall. Density, charge, polarization and potential profiles. 2001, vol. 4, No. 2(26), 201.
- Karra G.** see **Rivers R.J.** 2000, vol. 3, No. 1(21), 133.
- Katkov V.F.** see **Domoratsky K.V.** 1999, vol. 2, No. 4(20), 591.
- Katletz S., Titulaer U.M.** A statistical model for antibody-antigen binding. 1999, vol. 2, No. 2(18), 361.
- Kato K.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- Kavoussanaki E.** see **Rivers R.J.** 2000, vol. 3, No. 1(21), 133.
- Kawamura T.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- Kedyulich V.M.** see **Slivka A.G.** 1999, vol. 2, No. 3(19), 415.
- Kedyulich V.M., Slivka A.G., Gerzanich E.I., Guivan A.M.** The effect of hydrostatic pressure on transverse dielectric permeability of  $\text{KH}_2\text{PO}_4$  crystals. 2002, vol. 5, No. 4(32), 761.

- Kedyulich V.M., Slivka A.G., Gerzanich E.I., Guivan A.M., Lukach P.M.** Temperature and pressure effect on the anisotropy of dielectric permeability in KDP and DKDP crystals. 2003, vol. 6, No. 2(34), 271.
- Kedyulich V.M., Slivka A.G., Gerzanich E.I., Shusta V.S.** *p, T, E*-diagram of  $\text{Sn}_2\text{P}_2\text{S}_6$  ferroelectric with high-pressure incommensurate phase. 2000, vol. 3, No. 4(24), 851.
- Khalack J.M.** Amplitude-dependent ultrasound attenuation due to inclined dislocations. 1997, iss. 10, 61.
- Khalack Ju.M., Loktev V.M., Nadtochii A.B., Ostrovskii I.V., Walter H.-G.** Dislocation nonlinear dynamics and crystal sonoluminescence. 1997, iss. 11, 61.
- Kharkhalis L.Yu.** see **Bercha D.M.** 2000, vol. 3, No. 4(24), 749.
- Kharkhalis L.Yu.** see **Bercha D.M.** 2003, vol. 6, No. 2(34), 221.
- Kharkhalis L.Yu.** see **Mitin O.B.** 2000, vol. 3, No. 4(24), 777.
- Khaynatski K.O.** see **Kumshayev S.B.** 1997, iss. 12, 161.
- Khiznyak D.A.** see **Chalyi A.V.** 1997, iss. 9, 19.
- Khokhlov Yu., Gurskii Z.O.** The partition sum of substitutional binary alloys with the variables method. Approximation of  $\rho^4$ . 1995, iss. 5, 42.
- Khokhlov Yu.** see **Gurskii Z.** 1998, vol. 1, No. 2(14), 389.
- Khoma M.M.** see **Vysochan-skii Yu.M.** 1999, vol. 2, No. 3(19), 421.
- Khudyntsev N.N.** see **Gerasimov O.I.** 1999, vol. 2, No. 1(17), 75.
- Khudyntsev N.N.** see **Gerasimov O.I.** 2000, vol. 3, No. 1(21), 175.
- Kibkalo N.Yu.** see **Kumshayev S.B.** 1997, iss. 12, 161.
- Kibkalo N.Yu.** see **Kumshayev S.B.** 1997, iss. 12, 173.
- Kim Sang Pyo** Nonequilibrium quantum evolution of open systems. 2000, vol. 3, No. 1(21), 23.
- Kirichenko F.V.** see **Ryabchenko S.M.** 1999, vol. 2, No. 3(19), 543.
- Kiselev A., Yaroshchuk O., Zakrevskyy Yu., Tereshchenko A.** On biaxiality of photoinduced structures in azopolymer films. 2001, vol. 4, No. 1(25), 67.
- Kiselev M.** see **Hannongbua S.** 2000, vol. 3, No. 2(22), 381.
- Kiselev M.** see **Hannongbua S.** 2003, vol. 6, No. 3(35), 459.
- Kiselev S.B.** see **Lue L.** 2002, vol. 5, No. 1(29), 73.
- Kityk A.V.** see **Shchur Ya.I.** 1999, vol. 2, No. 1(17), 93.
- Kityk A.V., Zadorozhna A.V.** Phase diagrams of incommensurate ferroelectric  $\text{NH}_4\text{HSeO}_4$ : phenomenological treatment. 2000, vol. 3, No. 4(24), 759.
- Kivva S.L.** The mathematical modelling of radionuclide transport in the subsurface environment around the Chernobyl Nuclear Power Plant. 1997, iss. 12, 121.
- Klapchuk M.** see **Rudavskii Yu.** 2003, vol. 6, No. 4(36), 611.
- Klebanskii E.O.** see **Plyaka S.N.** 1999, vol. 2, No. 4(20), 625.
- Klepikov V.F., Berezovsky S.V.** Modulated structures of order parameter and spontaneous parity breaking. 1996, iss. 8, 69.
- Klimontovich Yu.L.** From the hamiltonian mechanics to a continuous media. Dissipative structure. Criteria of self-organization. 1994, iss. 4, 89.
- Klimontovich Yu.L.** Thermodynamic and kinetic description of the second order phase transitions. 2000, vol. 3, No. 2(22), 393.
- Kobryn A.E.** see **Morozov V.G.** 1994, iss. 4, 117.
- Kobryn A.E.** see **Tokarchuk M.V.** 1998, vol. 1, No. 3(15), 605.
- Kobryn A.E.** see **Tokarchuk M.V.** 1998, vol. 1, No. 4(16), 687.
- Kobryn A.E.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.

- Kobryn A.E., Hayashi T., Arimitsu T.** Quantum stochastic processes: boson and fermion Brownian motion. 2003, vol. 6, No. 4(36), 637.
- Kobryn A.E., Omelyan I.P., Tokarchuk M.V.** Nonstationary solution to the Enskog-Landau kinetic equation using boundary conditions method. 1996, iss. 8, 75.
- Kolodka S.V.** see **Kumshayev S.B.** 1997, iss. 12, 161.
- Kolodka S.V.** see **Kumshayev S.B.** 1997, iss. 12, 189.
- Kolomiets V.O.** see **Idzyk I.M.** 1996, iss. 7, 101.
- Kolomiets V.O.** see **Yukhnovskii I.R.** 1995, iss. 6, 137.
- Kolomijets V.O.** see **Yukhnovskii I.R.** 1993, iss. 1, 5.
- Komarov A.V.** see **Ryabchenko S.M.** 1999, vol. 2, No. 3(19), 543.
- Kondratiev Yu., Kozitsky Yu., Pasurek T., Röckner M.** Quantum anharmonic crystal in functional integral approach. 2003, vol. 6, No. 4(36), 647.
- Kondratiev Yu.G.** see **Gerasimenko V.I.** 2000, vol. 3, No. 2(22), 239.
- Kongo C.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- Konieczny K.** Dielectric relaxation in NaNbO<sub>3</sub> single crystal. 1999, vol. 2, No. 4(20), 655.
- Konvay D.B.** see **Alekhin A.D.** 1996, iss. 8, 11.
- Kon L.Z.** see **Moskalenko V.A.** 1998, vol. 1, No. 1(13), 23.
- Korynevskii N.A.** On the cumulant expansion peculiarity for partition function functional of the cluster de Gennes model. 2000, vol. 3, No. 4(24), 737.
- Korynevskii N.A.** On the functional representation of partition function for quantum magnetic cluster systems. 2002, vol. 5, No. 3(31), 391.
- Korynevskii N.A.** On Gaussian and non-Gaussian basic measure densities in the cluster ferroelectric theory. 1995, iss. 5, 57.
- Korynevskii N.A.** Order parameter for ferromagnetic phase transition in the two-particle magnetic cluster system. 2002, vol. 5, No. 4(32), 625.
- Korynevskii N.A.** Spontaneous polarization in the cluster ferroelectric system close to the phase transition point. 1999, vol. 2, No. 4(20), 631.
- Korynevskii N.A.** see **Lipinski I.E.** 2003, vol. 6, No. 2(34), 245.
- Kosevich A., Semagin D.** Resonance scattering of a transverse sound wave from a planar crystal defect. 1998, vol. 1, No. 2(14), 409.
- Kosevich A.M.** see **Bogdan M.M.** 1999, vol. 2, No. 2(18), 255.
- Kosorotov V.F., Shchedrina L.V.** Symmetry of induced polar states in noncentral crystals under inhomogeneous heating. 2000, vol. 3, No. 4(24), 827.
- Kostenko Yu., Rudya K.** Rationale for the long-term strategy of the destroyed Chornobyl unit IV conversion into ecologically safe system. 1997, iss. 12, 7.
- Kostetsky O.** see **Romanyuk M.O.** 2002, vol. 5, No. 3(31), 579.
- Kostrobii P.P., Markovych B.M., Rudavskii Yu.K., Tokarchuk M.V.** Statistical theory of diffusion-reaction processes in the system “metal-adsorbate-gas”. 2001, vol. 4, No. 3(27), 407.
- Kostrobii P.P., Rudavskii Yu.K., Ignatyuk V.V., Tokarchuk M.V.** Chemical reactions on adsorbing surface: kinetic level of description. 2003, vol. 6, No. 3(35), 409.
- Kostrobij P.P., Markovych B.M.** A new approach to the calculation of the thermodynamic potential of inhomogeneous electron gas. 2003, vol. 6, No. 2(34), 347.
- Kosyachenko S.V.** see **Dugaev V.K.** 2000, vol. 3, No. 4(24), 835.
- Koulinskii V.L., Malomuzh N.P.** Canonical formalism for description of critical phenomena in systems, isomorphic to simple liquids. 1997, iss. 9, 29.
- Kovalenko A.** see **Hirata F.** 2001, vol. 4, No. 4(28), 643.

- Kovalenko A., Hirata F.** Molecular description of electrolyte solution in a carbon aerogel electrode. 2003, vol. 6, No. 4(36), 583.
- Kovalenko A.F.** see **Holovko M.F.** 1993, iss. 1, 29.
- Kovalenko L.L.** see **V'yunov O.I.** 2003, vol. 6, No. 2(34), 213.
- Kovalevsky M.Yu.** see **Isayev A.A.** 1997, iss. 10, 41.
- Kovalevsky M.Yu.** see **Isayev A.A.** 1994, iss. 3, 57.
- Kovalevsky M.Yu.** see **Isayev A.A.** 1996, iss. 8, 57.
- Kozitsky Yu.** Quantum effects in an anharmonic crystal. 2002, vol. 5, No. 4(32), 601.
- Kozitsky Yu.** see **Kondratiev Yu.** 2003, vol. 6, No. 4(36), 647.
- Kozitsky Yu., Kozlovskii M., Krokhmalskii T.** Analytic and numerical study of a hierarchical spin model. 1999, vol. 2, No. 1(17), 15.
- Kozitsky Yu.V.** Partition function step-by-step integration without approximations. One-dimensional ferromagnet with long-range potential. 1995, iss. 5, 74.
- Kozlovskii M.** see **Kozitsky Yu.** 1999, vol. 2, No. 1(17), 15.
- Kozlovskii M.P.** see **Ilnytskyi Ja.M.** 1995, iss. 5, 23.
- Kozlovskii M.P.** see **Patsahan O.V.** 2001, vol. 4, No. 2(26), 235.
- Kozlovskii M.P.** see **Pylyuk I.V.** 2001, vol. 4, No. 1(25), 15.
- Kozlovskii M.P., Dukhovii V.V., Pylyuk I.V.** Dependence of the critical temperature on microscopic parameters in the three-dimensional Ising-like systems. 2000, vol. 3, No. 4(24), 727.
- Kozlovskii M.P., Patsahan O.V.** Description of critical behaviour of model systems using non-Gaussian measures (Yukhnovskii's approach). 2000, vol. 3, No. 3(23), 607.
- Kozlovskii M.P., Pylyuk I.V., Dukhovii V.V.** Calculation method for the three-dimensional Ising ferromagnet thermodynamics within the frames of  $\rho^6$  model. 1997, iss. 11, 17.
- Kozlovskii M.P., Pylyuk I.V., Prytula O.O.** Microscopic analogue of the Landau free energy for three-dimensional Ising-like systems. 2003, vol. 6, No. 2(34), 197.
- Kraemer A.** see **Vossen M.** 1997, iss. 9, 137.
- Kramar O.** see **Didukh L.** 2001, vol. 4, No. 1(25), 101.
- Kramar O.** see **Didukh L.** 2003, vol. 6, No. 1(33), 145.
- Krasnoholovets V., Lev B.** Systems of particles with interaction and the cluster formation in condensed matter. 2003, vol. 6, No. 1(33), 67.
- Krawczyk J.** see **Gurskii Z.** 1999, vol. 2, No. 3(19), 383.
- Krawczyk J.** see **Gurskii Z.** 2001, vol. 4, No. 1(25), 37.
- Krienke H.** see **Barthel J.** 2000, vol. 3, No. 3(23), 657.
- Krokhmalskii T.** see **Derzhko O.** 1999, vol. 2, No. 2(18), 339.
- Krokhmalskii T.** see **Kozitsky Yu.** 1999, vol. 2, No. 1(17), 15.
- Krokhmals'kii T.E.** see **Vavrukh M.V.** 1993, iss. 1, 15.
- Krotscheck E.** see **Schörkhuber K.** 1999, vol. 2, No. 2(18), 319.
- Kryachko E.** Ab initio water hexamers and octamers: tool to study hydrogen-bonded pattern in liquid water. 1998, vol. 1, No. 2(14), 213.
- Krynytskyi Yu.S.** see **Blazhyevskii L.F.** 1997, iss. 10, 3.
- Krynytskyi Yu.S.** see **Blazhyevskii L.F.** 1998, vol. 1, No. 3(15), 569.
- Kudzin A.Yu., Volnianskii M.D., Trubitsyn M.P., Bsoul I.A.** Ising-type behaviour of critical properties in weak ferroelectric  $\text{Li}_2\text{Ge}_7\text{O}_{15}$ . 1999, vol. 2, No. 1(17), 149.
- Kudzin A.Yu.** see **Antonenko A.M.** 1999, vol. 2, No. 4(20), 721.

- Kuliy T.V.** see **Vakarchuk I.O.** 1994, iss. 3, 176.
- Kumshaev S.B.** see **Checherov K.P.** 2000, vol. 3, No. 3(23), 597.
- Kumshayev S.B., Checherov K.P.** Dynamical and physical (informational) model of the "Shelter" object. 1997, iss. 12, 133.
- Kumshayev S.B., Kibkalo N.Yu., Kolodka S.V., Maximov Yu.K., Mayboroda S.V., Rusanovich V.Yu., Spektorovski A.R., Khaynatski K.O.** Database on the state of the "Shelter" object. 1997, iss. 12, 161.
- Kumshayev S.B., Spektorovski A.R., Checherov K.P.** The inventory of high-altitude points of the "Shelter" object (database structure). 1997, iss. 12, 147.
- Kumshayev S.B., Vasilyev Yu.O., Kibkalo N.Yu., Maximov Yu.K., Spec torovski A.R., Checherov K.P.** Radiation situation in the premises of the "Shelter" object (informational and analytical provision). 1997, iss. 12, 173.
- Kumshayev S.B., Vasilyev Yu.O., Mayboroda S.V., Kolodka S.V., Zhylinski V.V., Antropov V.M.** Listing of radioactive wastes in the alienation zone of the ChNPP. 1997, iss. 12, 189.
- Kuna T.** see **Gerasimenko V.I.** 2000, vol. 3, No. 2(22), 239.
- Kupnyi V.I., Belousov E.L., Tovstogan A.S.** Main results of nuclear danger examination of the "Shelter" object. 1997, iss. 12, 111.
- Kuriata J.** see **Lipinski I.E.** 2003, vol. 6, No. 2(34), 245.
- Kurlyak V.Yu.** see **Myshchyn O.Ya.** 1999, vol. 2, No. 4(20), 703.
- Kuś C.** see **Bąk W.** 1999, vol. 2, No. 4(20), 727.
- Kuzin V.V.** see **Shimkevich A.L.** 1999, vol. 2, No. 2(18), 329.
- Lado F.** see **Lomba E.** 2001, vol. 4, No. 1(25), 45.
- Lamperski S.** see **Outhwaite C.W.** 2001, vol. 4, No. 4(28), 739.
- Lazarev N.P.** see **Bakai A.S.** 2003, vol. 6, No. 3(35), 471.
- Lazarev N.P.** see **Byshkin M.S.** 2003, vol. 6, No. 1(33), 93.
- Lednei M.F., Pinkevich I.P., Sluckin T.J.** Light scattering by filled liquid crystals in anomalous-diffraction approach. 2001, vol. 4, No. 2(26), 299.
- Lengyel V., Rubish V., Fekete Yu., Chalupka S., Salak M.** The role of relativistic kinematics in describing two-quark systems. 1998, vol. 1, No. 3(15), 575.
- Levesque D.** see **Mazars M.** 2001, vol. 4, No. 4(28), 697.
- Levitskii R.** see **Derzhko O.** 1995, iss. 6, 35.
- Levitskii R.R.** see **Derzhko O.V.** 1993, iss. 1, 115.
- Levitskii R.R.** see **Shchur Ya.I.** 1999, vol. 2, No. 1(17), 93.
- Levitskii R.R.** see **Sorokov S.I.** 1997, iss. 9, 57.
- Levitskii R.R.** see **Stasyuk I.V.** 1999, vol. 2, No. 4(20), 731.
- Levitskii R.R.** see **Stasyuk I.V.** 2001, vol. 4, No. 3(27), 553.
- Levitskii R.R.** see **Stasyuk I.V.** 1996, iss. 8, 129.
- Levitskii R.R.** see **Yukhnovskii I.R.** 1993, iss. 1, 43.
- Levitskii R.R., B.M.Lisnii, Baran O.R.** Thermodynamics and dielectric properties of  $\text{KH}_2\text{PO}_4$ ,  $\text{RbH}_2\text{PO}_4$ ,  $\text{KH}_2\text{AsO}_4$ ,  $\text{RbH}_2\text{AsO}_4$  ferroelectrics. 2001, vol. 4, No. 3(27), 523.
- Levitskii R.R., Lisnii B.M., Baran O.R.** Thermodynamics and dielectric properties of the  $\text{NH}_4\text{H}_2\text{PO}_4$  type antiferroelectrics. 2002, vol. 5, No. 3(31), 553.
- Levitskii R.R., Moina A.P., Zacheck I.R.** Transition temperature in KDP type crystals under external pressures. Role of H-bond geometry. 1999, vol. 2, No. 3(19), 515.

- Levitskii R.R., Moina A.P.** The influence of hydrostatic pressure on DADP-type antiferroelectrics. 1998, vol. 1, No. 2(14), 365.
- Levitskii R.R., Sokolovskii R.O., Sorokov S.I.** Statistical theory for disordered quasi-one-dimensional ferroelectrics with hydrogen bonds. 1997, iss. 10, 67.
- Levitskii R.R., Sokolovskii R.O.** Relaxation dynamics of disordered Ising-like models. 1999, vol. 2, No. 3(19), 393.
- Levitskii R.R., Sorokov S.I., Baran O.R.** Reference approach in theory of pseudospin systems. 2000, vol. 3, No. 3(23), 515.
- Levitskii R.R., Sorokov S.I., Sokolovskii R.O.** Correlation functions of quenched and annealed Ising systems. 1995, iss. 5, 81.
- Levitskii R.R., Sorokov S.I., Sokolovskii R.O.** Relaxation dynamics of disordered Ising model. Two-cluster approximation. 1996, iss. 7, 117.
- Levitskii R.R., Sorokov S.I.** Investigation of the Ising-type models within cluster approach. 1994, iss. 3, 79.
- Levitskii R.R., Zacheck I.R., Moina A.P., Duda A.S.** Longitudinal dielectric relaxation in  $KD_2PO_4$  under hydrostatic pressure. 2002, vol. 5, No. 3(31), 541.
- Levitskii R.R., Zacheck I.R., Sokolovskii R.O.** To the theory of relaxation phenomena in quasi-one-dimensional ferroelectrics with hydrogen bonds. Nonequilibrium statistical operator approach. 1998, vol. 1, No. 4(16), 849.
- Levitskii R.R., Zacheck I.R., Verkholyak T.M., Moina A.P.** Role of piezoelectricity in dielectric response of Rochelle salt type crystals. 2003, vol. 6, No. 2(34), 261.
- Levi M.D., Aurbach D., Vorotyntsev M.A.** Interpretation of potential intermittence titration technique experiments for various Li-intercalation electrodes. 2002, vol. 5, No. 2(30), 329.
- Lev B.** see **Krasnoholovets V.** 2003, vol. 6, No. 1(33), 67.
- Lev B.I., Aoki K.M., Tomchuk P.M., Yokoyama H.** Structure formation of colloids in nematic liquid crystals. 2003, vol. 6, No. 1(33), 169.
- Li Xiao-jun, Schick M.** Self-assembly of copolymers and lipids. 2001, vol. 4, No. 2(26), 325.
- Liechtenstein A.** see **Plakida N.M.** 1996, iss. 7, 139.
- Likos C.N., Harreis H.M.** Star polymers: From conformations to interactions to phase diagrams. 2002, vol. 5, No. 1(29), 173.
- Linek A.** see **Warkusz F.** 2003, vol. 6, No. 2(34), 333.
- Linnik V.G.** see **Trubitsyn M.P.** 1999, vol. 2, No. 4(20), 677.
- Lipinski I.E., Kuriata J., Korynevskii N.A.** On the existence of a new phase in SASD. 2003, vol. 6, No. 2(34), 245.
- Lisnii B.M.** see **Levitskii R.R.** 2001, vol. 4, No. 3(27), 523.
- Lisnii B.M.** see **Levitskii R.R.** 2002, vol. 5, No. 3(31), 553.
- Litovchenko V.G., Efremov A.A.** The enhanced catalytic dissociation of adsorbed hydrogen containing molecules. 1999, vol. 2, No. 3(19), 561.
- Litovchenko V.G.** Models of the adsorption-catalytic centers on transition metals. 1998, vol. 1, No. 2(14), 383.
- Llosa J.** Classical relativistic spin particles. 1998, vol. 1, No. 3(15), 439.
- Loktev V.M.** see **Gorbar E.V.** 1996, iss. 7, 53.
- Loktev V.M.** see **Khalack Ju.M.** 1997, iss. 11, 61.
- Loktev V.M., Sharapov S.G.** Superconducting condensate formation in metallic systems with arbitrary carrier density. 1997, iss. 11, 131.
- Loktev V.M., Turkowski V.M.** On temperature versus doping phase diagram of high critical temperature superconductors. 1998, vol. 1, No. 1(13), 113.
- Lomba E., Lado F., Weis J.J.** An integral equation approach to orientation-

- al phase transitions in two and three dimensional disordered systems. 2001, vol. 4, No. 1(25), 45.
- Lomba E., Martin C.** Replica Ornstein-Zernike equations for positionally frozen Heisenberg systems. 2003, vol. 6, No. 3(35), 551.
- Lue L., Kiselev S.B.** Star polymers in good solvents from dilute to concentrated regimes: Crossover approach. 2002, vol. 5, No. 1(29), 73.
- Lukach P.M.** see **Kedyulich V.M.** 2003, vol. 6, No. 2(34), 271.
- Luk'yanets S.P.** see **Tomchuk P.M.** 1998, vol. 1, No. 2(14), 203.
- Lukyanets B.A.** see **Tovstyuk N.K.** 2002, vol. 5, No. 3(31), 503.
- Lukyanets B.A.** Electron population of impurity atoms in crystal in external quantizing magnetic field. 2002, vol. 5, No. 3(31), 659.
- Lukyanets B., Tovstyuk N.** On screening in some low-dimensional crystals. 1996, iss. 8, 99.
- Lukyanets B.A., Peleshchak R.M.** Magnetodeformation effects in a crystal lattice. 1999, vol. 2, No. 1(17), 89.
- Lust E., Nurk G., Jänes A., Arulepp M.** Electrochemical properties of nanoporous carbon electrodes. 2002, vol. 5, No. 2(30), 307.
- Lutciv R.V., Boyko Ya.V.** Extra oxygen and carrier distribution in CuO<sub>2</sub> layers in HgBa<sub>2</sub>Ca<sub>n-1</sub>Cu<sub>n</sub>O<sub>2n+2+δ</sub> compounds (n=1,2,4). 1999, vol. 2, No. 3(19), 481.
- Magazù S.** see **Branca C.** 2002, vol. 5, No. 2(30), 275.
- Maior M.M., Molnar Sh.B., Vrabel V.T., Gurzan M.I., Motrja S.F., Vysochanskii Yu.M.** Dielectric relaxation and freezing effect in Sn<sub>2</sub>P<sub>2</sub>S<sub>6</sub>. 2003, vol. 6, No. 2(34), 293.
- Maior M.M., Molnar Sh.B., Vrabel V.T., Gurzan M.I., Motrja S.F., Vysochanskii Yu.M.** Diffusion phase transitions in (Pb<sub>y</sub>Sn<sub>1-y</sub>)<sub>2</sub>P<sub>2</sub>(Se<sub>x</sub>S<sub>1-x</sub>)<sub>6</sub> solid solutions. 2003, vol. 6, No. 2(34), 301.
- Makhanets A.M.** see **Tkach M.V.** 1999, vol. 2, No. 3(19), 553.
- Malomuzh N.P.** see **Koulinskii V.L.** 1997, iss. 9, 29.
- Malyarenko D.I.** see **Alekhin A.D.** 1996, iss. 8, 11.
- Mamalui A.A., Shelest T.N., Chashka H.B.** Thermodynamically equilibrium point defects in the low-dimensional systems. 1999, vol. 2, No. 4(20), 617.
- Mamalui M.A.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Mancini F.** see **Di Matteo T.** 1996, iss. 8, 109.
- Mancini F., Avella A.** Symmetries in the physics of strongly correlated electronic systems. 1998, vol. 1, No. 1(13), 11.
- Mancini F., Marra S., Villani D.** A self-consistent treatment of the *p-d* model by means of the composite operator method. 1996, iss. 7, 133.
- Mansfield M.L., Douglas J.F.** Numerical path-integration calculation of transport properties of star polymers and theta-DLA aggregates. 2002, vol. 5, No. 2(30), 249.
- Markovich B.M.** see **Kostrobii P.P.** 2001, vol. 4, No. 3(27), 407.
- Markovich B.M.** see **Kostrobij P.P.** 2003, vol. 6, No. 2(34), 347.
- Marra S.** see **Mancini F.** 1996, iss. 7, 133.
- Marra S.** see **Di Matteo T.** 1996, iss. 8, 109.
- Martin C.** see **Lomba E.** 2003, vol. 6, No. 3(35), 551.
- Matsyuk R.** Third-order relativistic dynamics: classical spinning particle travelling in a plane. 1998, vol. 1, No. 3(15), 453.
- Di Matteo T., Mancini F., Marra S.** Local pairing in the attractive Hubbard model. 1996, iss. 8, 109.
- Maugin G.A.** see **Bogdan M.M.** 1999, vol. 2, No. 2(18), 255.
- Maximov Yu.K.** see **Kumshayev S.B.** 1997, iss. 12, 161.

- Maximov Yu.K.** see **Kumshayev S.B.** 1997, iss. 12, 173.
- Mayboroda S.V.** see **Kumshayev S.B.** 1997, iss. 12, 161.
- Mayboroda S.V.** see **Kumshayev S.B.** 1997, iss. 12, 189.
- Mazars M., Caillol J.-M., Weis J.-J., Levesque D.** Comparison of simulation methods for charged systems of slab geometry. 2001, vol. 4, No. 4(28), 697.
- Medvedevskikh Yu.G.** Statistics of linear polymer chains in the self-avoiding walks model. 2001, vol. 4, No. 2(26), 209.
- Medvedevskikh Yu.G.** Thermodynamics of conformation and deformation of linear polymeric chains in solution. 2001, vol. 4, No. 2(26), 219.
- Meier W., Bopp P.A.** A modelling study of the conformational motions of tetrahydrofuran in various environments. 1993, iss. 2, 58.
- Melnichenko T.N.** see **Mitin O.B.** 2000, vol. 3, No. 4(24), 777.
- Melnichuk S.V., Mikhailevsky Y.M., Rarensko I.M., Yurijchuk I.M.** Band structure of [100] surface of  $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$  diluted magnetic semiconductor. 2000, vol. 3, No. 4(24), 799.
- Melnychuk S.V., Yurijchuk I.M.** Energy spectrum of transition metal impurity in a semiconductor with an ideal surface. 1999, vol. 2, No. 1(17), 133.
- Melnyk R.S.** see **Patsahan O.V.** 2001, vol. 4, No. 2(26), 235.
- Metlov L.S., Eremeichenkova Yu.V.** Spontaneously appearing discrete moving kinks in nonlinear acoustic chain with realistic potential. 2003, vol. 6, No. 1(33), 105.
- Micnas R., Robaszkiewicz S.** Superconductivity in systems with local attractive interactions. 1998, vol. 1, No. 1(13), 89.
- Migliardo F.** see **Branca C.** 2002, vol. 5, No. 2(30), 275.
- Mikajlo O.A.** see **Mitin O.B.** 2000, vol. 3, No. 4(24), 777.
- Mikhailevsky Y.M.** see **Melnichuk S.V.** 2000, vol. 3, No. 4(24), 799.
- Mikhalyova M.J.** see **Holovatsky V.A.** 2000, vol. 3, No. 4(24), 863.
- Mikhalyova M.Y.** see **Tkach M.V.** 2001, vol. 4, No. 3(27), 579.
- Mikheev V.A.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Miller M.D.** see **Anderson R.H.** 2001, vol. 4, No. 2(26), 335.
- Minaev P.A.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Mironov O.A.** see **Dugaev V.K.** 2000, vol. 3, No. 4(24), 835.
- Mischuk D.O.** see **Belous A.G.** 2003, vol. 6, No. 2(34), 251.
- Mitin O.B., Kharkhalis L.Yu., Mikajlo O.A., Melnichenko T.N., Dorogany V.** Simulation of energy states in solid solutions on based on the ferroelectrics-semiconductors of  $\text{Sn}_2\text{P}_2\text{S}_6$  type. 2000, vol. 3, No. 4(24), 777.
- Miyazaki K., Srinivas G., Bagchi B.** The Enskog theory for self-diffusion coefficients of simple fluids with continuous potentials. 2001, vol. 4, No. 2(26), 315.
- Moina A.P.** q-dependent correlation functions and dielectric permittivities of DKDP and DADP type crystals. Influence of external pressure. 1997, iss. 10, 93.
- Moina A.P.** see **Levitskii R.R.** 1998, vol. 1, No. 2(14), 365.
- Moina A.P.** see **Levitskii R.R.** 1999, vol. 2, No. 3(19), 515.
- Moina A.P.** see **Levitskii R.R.** 2002, vol. 5, No. 3(31), 541.
- Moina A.P.** see **Levitskii R.R.** 2003, vol. 6, No. 2(34), 261.
- Moina A.P.** see **Stasyuk I.V.** 1999, vol. 2, No. 4(20), 731.
- Moina A.P.** see **Stasyuk I.V.** 1996, iss. 8, 129.
- Moina A.Ph.** see **Derzhko O.V.** 1993, iss. 1, 115.
- Moina A.Ph.** see **Derzhko O.V.** 1994, iss. 3, 3.
- Molnar A.A.** see **Drobnich A.V.** 2003, vol. 6, No. 2(34), 205.

- Molnar A.A.** see **Vysochanskii Yu.M.** 1999, vol. 2, No. 3(19), 421.
- Molnar Sh.B.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 293.
- Molnar Sh.B.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 301.
- Morozov V.G.** Non-Markovian electron-phonon relaxation. 2000, vol. 3, No. 3(23), 577.
- Morozov V.G., Kobryn A.E., Tokarchuk M.V.** Modified kinetic theory with consideration for slow hydrodynamical processes. 1994, iss. 4, 117.
- Morozov V.G., Röpke G.** Many-particle correlations and boundary conditions in the quantum kinetic theory. 1998, vol. 1, No. 4(16), 797.
- Morozov V.G., Röpke G.** Zubarev's method of the nonequilibrium statistical operator and some challenges in the theory of irreversible processes. 1998, vol. 1, No. 4(16), 673.
- Moser G.** see **Folk R.** 1996, iss. 7, 27.
- Moser G.** see **Folk R.** 1999, vol. 2, No. 2(18), 243.
- Moskalenko V.A., Kon L.Z.** Diagram technique for the Hubbard model. Ladder diagram summation. 1998, vol. 1, No. 1(13), 23.
- Motrja S.F.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 293.
- Motrja S.F.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 301.
- Motrja S.F.** see **Vysochanskii Yu.M.** 1999, vol. 2, No. 3(19), 421.
- Mryglod I.** see **Batsevych O.** 2001, vol. 4, No. 3(27), 499.
- Mryglod I.** see **Bryk T.** 1999, vol. 2, No. 2(18), 285.
- Mryglod I.** see **Bryk T.** 2001, vol. 4, No. 3(27), 387.
- Mryglod I.** see **Bryk T.** 2003, vol. 6, No. 3(35), 395.
- Mryglod I., Folk R., Dubyk S., Rudavskii Yu.** Dynamic structure factors of a Heisenberg model ferrofluid. 1999, vol. 2, No. 2(18), 221.
- Mryglod I.M.** Generalized hydrodynamics of multi-component fluids. 1997, iss. 10, 115.
- Mryglod I.M.** Generalized statistical hydrodynamics of fluids: Approach of generalized collective modes. 1998, vol. 1, No. 4(16), 753.
- Mryglod I.M.** see **Batsevych O.F.** 2001, vol. 4, No. 2(26), 349.
- Mryglod I.M.** see **Bryk T.M.** 2003, vol. 6, No. 1(33), 23.
- Mryglod I.M.** see **Omelyan I.P.** 1998, vol. 1, No. 1(13), 179.
- Mryglod I.M.** see **Omelyan I.P.** 2000, vol. 3, No. 3(23), 497.
- Mryglod I.M.** see **Omelyan I.P.** 2002, vol. 5, No. 3(31), 369.
- Mryglod I.M.** see **Omelyan I.P.** 1994, iss. 4, 128.
- Mryglod I.M., Hachkevych A.M.** On non-equilibrium statistical theory of fluids: linear relaxation theories with different sets of dynamic variables. 1995, iss. 5, 105.
- Mryglod I.M., Tokarchuk M.V.** Hydrodynamic theory of a magnetic liquid. 1994, iss. 3, 116.
- Mryglod I.M., Tokarchuk M.V.** The generalized hydrodynamics of liquid magnetics. 1993, iss. 2, 102.
- Myagkota S., Gloskovskii A., Gladyshevskii R., Voloshinovskii A.** Luminescent kinetic characteristics of  $\text{CsPbCl}_3$  aggregates dispersed in  $\text{Rb}_{1-x}\text{Cs}_x\text{Cl}$  ( $x = 0.05 \div 0.2$ ) matrices. 2003, vol. 6, No. 2(34), 325.
- Mysakovych T.S.** see **Stasyuk I.V.** 2000, vol. 3, No. 1(21), 183.
- Mysakovych T.S.** see **Stasyuk I.V.** 2002, vol. 5, No. 3(31), 473.
- Myshchyshyn O., Andrievsky B., Romanyuk M.** Critical indices of the ferroelectric phase transition in TGS crystals. 1999, vol. 2, No. 3(19), 509.
- Myshchyshyn O.Ya.** see **Andrievsky B.V.** 1999, vol. 2, No. 4(20), 685.
- Myshchyshyn O.Ya.** see **Andrievsky B.V.** 1999, vol. 2, No. 4(20), 693.

- Myshchyshev O.Ya., Andriyevsky B.V., Romanyuk M.O., Kurlyak V.Yu.** Peculiarities of refractive index dispersion of TGS crystals. 1999, vol. 2, No. 4(20), 703.
- Nadtochii A.B.** see **Khalack Ju.M.** 1997, iss. 11, 61.
- Naumovets A.G.** see **Fedorovich R.D.** 1996, iss. 7, 5.
- Nazarenko A.** see **Duviryak A.** 2001, vol. 4, No. 1(25), 5.
- Nazarenko A., Tretyak V.** Classical relativistic systems of charged particles in the front form of dynamics and the Liouville equation. 2000, vol. 3, No. 1(21), 5.
- Nemchenko K.E.** see **Adamenko I.N.** 1999, vol. 2, No. 1(17), 63.
- Nemchenko K.E.** see **Adamenko I.N.** 1996, iss. 8, 3.
- Nemchenko K.E.** see **Adamenko I.N.** 1997, iss. 9, 7.
- Neumann M.** see **Zoppi M.** 2001, vol. 4, No. 2(26), 283.
- Nikolov A.** see **Wassan D.T.** 2001, vol. 4, No. 2(26), 361.
- Nordén B.** see **Zolotaryuk A.V.** 1999, vol. 2, No. 2(18), 293.
- Nurk G.** see **Lust E.** 2002, vol. 5, No. 2(30), 307.
- Odinaev S., Dodarbekov A.** On the statistical theory of visco-elastic properties of electrolyte solutions. 2001, vol. 4, No. 2(26), 277.
- Ohno K.** Scaling theory and computer simulation of star polymers in good solvents. 2002, vol. 5, No. 1(29), 15.
- Okajima H., Kawamura T., Konago C., Hiwatari Y., Urakami N., Hayashi R., Kato K.** Monte Carlo and molecular dynamics studies for the colour rewritable films. 2001, vol. 4, No. 1(25), 25.
- Olszowy M.** Dielectric and pyroelectric properties of the composites of ferroelectric ceramic and poly(vinyl chloride). 2003, vol. 6, No. 2(34), 307.
- Omelyan I.P.** see **Kobryn A.E.** 1996, iss. 8, 75.
- Omelyan I.P.** see **Tokarchuk M.V.** 1998, vol. 1, No. 4(16), 687.
- Omelyan I.P.** see **Tokarchuk M.V.** 1993, iss. 2, 94.
- Omelyan I.P.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.
- Omelyan I.P.** see **Yukhnovskii I.R.** 1997, iss. 9, 153.
- Omelyan I.P.** see **Zhelem R.I.** 1999, vol. 2, No. 1(17), 53.
- Omelyan I.P., Mryglod I.M.** Generalized collective modes of a Lennard-Jones fluid. High mode approximation. 1994, iss. 4, 128.
- Omelyan I.P., Mryglod I.M., Folk R.** New optimized algorithms for molecular dynamics simulations. 2002, vol. 5, No. 3(31), 369.
- Omelyan I.P., Mryglod I.M., Folk R.** Spin dynamics simulations of collective excitations in magnetic liquids. 2000, vol. 3, No. 3(23), 497.
- Omelyan I.P., Mryglod I.M., Tokarchuk M.V.** Dielectric relaxation in dipolar fluids. Generalized mode approach. 1998, vol. 1, No. 1(13), 179.
- Opanasyuk Yu.A.** On single-time methods in relativistic gravity dynamics. 1998, vol. 1, No. 3(15), 537.
- Orea P., Duda Yu.** Adsorption of hard sphere fluid in porous material: A Monte Carlo simulation approach for pressure calculation. 2003, vol. 6, No. 4(36), 573.
- Orlovsky S.A.** see **Tkach M.V.** 1993, iss. 1, 107.
- Ostapchuk Yu.L.** see **Alekhin A.D.** 2001, vol. 4, No. 3(27), 449.
- Ostrovskii I.V.** see **Khalack Ju.M.** 1997, iss. 11, 61.
- Oudovenko V.S.** see **Plakida N.M.** 1996, iss. 7, 139.
- Outhwaite C.W., Lamperski S.** A treatment of the exclusion volume term in the inhomogeneous Poisson-Boltzmann theory for an ion-dipole mixture. 2001, vol. 4,

- No. 4(28), 739.
- Ovchar O.V.** see **Belous A.G.** 2003, vol. 6, No. 2(34), 251.
- Paaso J.** see **Schörkhuber K.** 1999, vol. 2, No. 2(18), 319.
- Pakula T.** see **Vlassopoulos D.** 2002, vol. 5, No. 1(29), 105.
- Palinkas G.** see **Heinzinger K.** 1993, iss. 2, 44.
- Pandey L.N.** see **Adamenco I.N.** 1999, vol. 2, No. 1(17), 63.
- Pashitskii E.A., Pentegov V.I., Semenov A.V.** Gap symmetry and charge density excitations in high- $T_c$  superconductors with extended saddle points in electron spectrum. 1999, vol. 2, No. 3(19), 453.
- Paslavskii V.** see **Vavrukh M.** 1995, iss. 6, 155.
- Paslavskii V.** see **Vavrukh M.** 1997, iss. 9, 127.
- Pasurek T.** see **Kondratiev Yu.** 2003, vol. 6, No. 4(36), 647.
- Patsahan O.V.** Ginzburg-Landau-Wilson Hamiltonian for a multi-component continuous system: a microscopic description. 2002, vol. 5, No. 3(31), 413.
- Patsahan O.V.** Investigation of phase transition in binary systems by collective variables method. 1995, iss. 5, 124.
- Patsahan O.V.** The order parameter in binary mixtures. 1999, vol. 2, No. 2(18), 235.
- Patsahan O.V.** see **Kozlovskii M.P.** 2000, vol. 3, No. 3(23), 607.
- Patsahan O.V., Melnyk R.S., Kozlovskii M.P.** Non-universal critical properties of a symmetrical binary fluid mixture. 2001, vol. 4, No. 2(26), 235.
- Patsahan T., Trokhymchuk A., Holovko M.** Computer simulations of the dynamic properties of methane in a model silica gel. 2003, vol. 6, No. 1(33), 3.
- Pavlenko N., Połomska M., Hilczer B.** Ferroelastic domain wall orientations in the  $(\text{NH}_4)_3\text{H}(\text{SeO}_4)_2$  crystal. 1998, vol. 1, No. 2(14), 357.
- Peleshchak R.M.** Filling of electronic states and crystal lattice deformation around dislocation wall. 2000, vol. 3, No. 1(21), 169.
- Peleshchak R.M.** see **Lukiyannets B.A.** 1999, vol. 2, No. 1(17), 89.
- Peletminsky A.S., Peletminsky S.V., Slyusarenko Yu.V.** On the possibility of the existence of the spatially periodical Bose condensate. 2000, vol. 3, No. 2(22), 227.
- Peletminsky S.V.** see **Isayev A.A.** 1997, iss. 10, 41.
- Peletminsky S.V.** see **Isayev A.A.** 1994, iss. 3, 57.
- Peletminsky S.V.** see **Peletminsky A.S.** 2000, vol. 3, No. 2(22), 227.
- Pelykh V.** Squared Weyl and Dirac fields with the Sommers-Sen connection associated with  $V_4^3$  distributions. 1998, vol. 1, No. 3(15), 521.
- Pentegov V.I.** see **Pashitskii E.A.** 1999, vol. 2, No. 3(19), 453.
- Percus J.K., Wang Q.-H.** Quasi-one dimensional classical fluids. 2003, vol. 6, No. 3(35), 387.
- Perechinskii S.I.** see **Yevych R.M.** 2003, vol. 6, No. 2(34), 315.
- Petrina D.Ya.** see **Gerasimenko V.I.** 2000, vol. 3, No. 2(22), 239.
- Petriv Yu.** see **Rudavskii Yu.** 2000, vol. 3, No. 4(24), 807.
- Petrik Yu.** see **Rudavskii Yu.** 2001, vol. 4, No. 1(25), 133.
- Petrov E.G.** see **Goychuk I.A.** 1996, iss. 7, 61.
- Petrov P.P.** Conductivity of layered structures with a strongly degenerate electron gas. 1999, vol. 2, No. 1(17), 143.
- Petruk O.** see **Hnatyk B.** 1998, vol. 1, No. 3(15), 655.
- Pinkevich I.P.** see **Lednei M.F.** 2001, vol. 4, No. 2(26), 299.
- Pizio O.** see **Henderson D.** 1996, iss. 7, 71.
- Pizio O.A.** see **Haymet A.D.** 1993, iss. 2, 36.
- Pizio O.A.** see **Trokhymchuk A.D.** 1993, iss. 2, 110.

- Plakida N.M.** Green function approach to the theory of superconductivity in the  $t - J$  model. 1998, vol. 1, No. 4(16), 905.
- Plakida N.M.** Spin-fluctuation superconductivity in the Hubbard model. 1998, vol. 1, No. 1(13), 57.
- Plakida N.M.** Superconductivity in the  $t-J$  model. 2002, vol. 5, No. 4(32), 707.
- Plakida N.M., Horsch P., Liechtenstein A., Oudovenko V.S.** Superconducting pairing of spin polarons in the  $t-J$  model. 1996, iss. 7, 139.
- Plyaka S.N., Sokolyanskii G.Ch., Klebanskii E.O., Sadovskaya L.Ja.** Conductivity of the  $\text{Bi}_{12}\text{SiO}_{20}$  thin films. 1999, vol. 2, No. 4(20), 625.
- Plyatsko R.** Gravitational spin-orbit interaction: criteria of increase. 1998, vol. 1, No. 3(15), 529.
- Polishchuk Z.V.** see **Holovko M.F.** 1999, vol. 2, No. 2(18), 267.
- Połomska M.** see **Pavlenko N.** 1998, vol. 1, No. 2(14), 357.
- Ponedilok G.** see **Rudavskii Yu.** 2000, vol. 3, No. 4(24), 807.
- Ponedilok G.** see **Rudavskii Yu.** 2001, vol. 4, No. 1(25), 133.
- Ponedilok G.** see **Rudavskii Yu.** 2003, vol. 6, No. 4(36), 611.
- Ponedilok G.** see **Rudavsky Yu.** 1998, vol. 1, No. 1(13), 145.
- Ponedilok G.V.** Functional integration in the theory of ferromagnetic substitutional alloys. 1993, iss. 1, 79.
- Ponedilok G.V.** see **Rudavskii Yu.K.** 2001, vol. 4, No. 1(25), 141.
- Popik Yu.V.** see **Sejkovskij I.D.** 2003, vol. 6, No. 2(34), 281.
- Prilutskii Yu.I., Andreev V.A., Shapovalov G.G.** Effect of pressure on the structure and intermolecular phonons in solid  $\text{C}_{60}$ . 1997, iss. 9, 47.
- Prilutski Yu.I.** Spin-lattice relaxation in the photoexcited triplet state of solid  $\text{C}_{60}$ : consideration of spin-orbital interaction. 1997, iss. 11, 51.
- Prits I.P.** see **Drobnich A.V.** 2003, vol. 6, No. 2(34), 205.
- Pronyshyn I.V.** see **Tkach M.V.** 1999, vol. 2, No. 3(19), 553.
- Protsykevych I.A.** Analytic solution of the mean spherical problem for many-sort ion-dipole model. 1993, iss. 2, 68.
- Protsykevich I.A.** Multi-component mixture of dipolar hard spheres with surface adhesion. 2003, vol. 6, No. 4(36), 629.
- Protsykevich I.A.** see **Barthel J.** 2000, vol. 3, No. 3(23), 657.
- Protsykevich I.A., Holovko M.F.** The Laplace transform of pair distribution functions of the multicomponent mixture of dimerizing hard spheres. 1997, iss. 10, 137.
- Prykarpatsky A., Samuliak R., Blackmore D., Strampp W., Sydorenko Yu.** Some remarks on Lagrangian and Hamiltonian formalisms related to infinite-dimensional dynamical systems with symmetries. 1995, iss. 6, 79.
- Prytula O.O.** see **Kozlovskii M.P.** 2003, vol. 6, No. 2(34), 197.
- Pylyuk I.V.** see **Kozlovskii M.P.** 2000, vol. 3, No. 4(24), 727.
- Pylyuk I.V.** see **Kozlovskii M.P.** 2003, vol. 6, No. 2(34), 197.
- Pylyuk I.V.** see **Kozlovskii M.P.** 1997, iss. 11, 17.
- Pylyuk I.V., Kozlovskii M.P.** 3D Ising system in an external field. Recurrence relations for the asymmetric  $\rho^6$  model. 2001, vol. 4, No. 1(25), 15.
- Raineri F.O., Stell G.** A new family of bridge functions for electrolyte solutions. 2001, vol. 4, No. 4(28), 621.
- Rarenko I.M.** see **Melnichuk S.V.** 2000, vol. 3, No. 4(24), 799.
- Rebenko A.L.** Poisson analysis and statistical mechanics. 1996, iss. 8, 119.
- Remsungnen T.** see **Hannongbua S.** 2003, vol. 6, No. 3(35), 459.
- Reshetnyak V., Subota S.** Self-action of a Gaussian beam in a nematic liquid crystal cell. 2001, vol. 4, No. 2(26), 307.

- Rivers R.J., Kavoussanaki E., Karra G.** The onset of phase transitions in condensed matter and relativistic QFT. 2000, vol. 3, No. 1(21), 133.
- Robaszkiewicz S.** see Micnas R. 1998, vol. 1, No. 1(13), 89.
- Romanyuk M.** see Myshchyshyn O. 1999, vol. 2, No. 3(19), 509.
- Romanyuk M.M.** see Romanyuk M.O. 2002, vol. 5, No. 3(31), 579.
- Romanyuk M.M.** see Romanyuk M.O. 2002, vol. 5, No. 4(32), 751.
- Romanyuk M.O.** see Andriyevsky B.V. 1999, vol. 2, No. 4(20), 693.
- Romanyuk M.O.** see Myshchyshyn O.Ya. 1999, vol. 2, No. 4(20), 703.
- Romanyuk M.O., Andriyevsky B., Kostetsky O., Romanyuk M.M., Stadnyk V.** Crystal optical method for temperature measuring. 2002, vol. 5, No. 3(31), 579.
- Romanyuk M.O., Romanyuk M.M.** The final stages of polarization and monodomain state stability of the Rochelle salt crystals. 2002, vol. 5, No. 4(32), 751.
- Romanyuk M.O., Stadnyk V.Yo.** The refractometry of the uniaxially stressed ferroelectrics. 1999, vol. 2, No. 4(20), 711.
- Romiszowski P.** Temperature dependence of some properties of star-branched polymers in confined space. A Monte Carlo study. 2002, vol. 5, No. 1(29), 5.
- Roovers J.** see Vlassopoulos D. 2002, vol. 5, No. 1(29), 105.
- Rovenchak A.A.** see Vakarchuk I.O. 2001, vol. 4, No. 3(27), 431.
- Röckner M.** see Kondratiev Yu. 2003, vol. 6, No. 4(36), 647.
- Röpke G.** see Morozov V.G. 1998, vol. 1, No. 4(16), 673.
- Röpke G.** see Morozov V.G. 1998, vol. 1, No. 4(16), 797.
- Rubish V.** see Lengyel V. 1998, vol. 1, No. 3(15), 575.
- Rudavskii Yu.** see Batsevych O. 2001, vol. 4, No. 3(27), 499.
- Rudavskii Yu.** see Mryglod I. 1999, vol. 2, No. 2(18), 221.
- Rudavskii Yu., Ponedilok G., Klapchuk M.** Model pseudopotential of the electron – negative ion interaction. 2003, vol. 6, No. 4(36), 611.
- Rudavskii Yu., Ponedilok G., Petriv Yu.** Diagonal and off-diagonal types of disorder in condensed matter theory. 2000, vol. 3, No. 4(24), 807.
- Rudavskii Yu., Ponedilok G., Petriv Yu.** Some aspects of tight-binding approach in chemisorption theory. 2001, vol. 4, No. 1(25), 133.
- Rudavskii Yu.K.** see Batsevych O.F. 2001, vol. 4, No. 2(26), 349.
- Rudavskii Yu.K.** see Kostrobii P.P. 2001, vol. 4, No. 3(27), 407.
- Rudavskii Yu.K.** see Kostrobii P.P. 2003, vol. 6, No. 3(35), 409.
- Rudavskii Yu.K., Ponedilok G.V., Dorosh L.A.** Electron density of states and spectrum of disordered *s-d* model. 2001, vol. 4, No. 1(25), 141.
- Rudavsky Yu., Ponedilok G., Dorosh L.** Long-wave spin excitations of crystalline *s-d* models. 1998, vol. 1, No. 1(13), 145.
- Rudavsky Yu.K., Vatamaniuk O.Z., Savenko V.P.** Investigation of the spin-one Ising model with biquadratic exchange interaction within functional integration method. 1995, iss. 5, 143.
- Rudyka K.** see Kostenko Yu. 1997, iss. 12, 7.
- Rusanovich V.Yu.** see Kumshayev S.B. 1997, iss. 12, 161.
- Rushchanskii K.Z.** see Bercha D.M. 2000, vol. 3, No. 4(24), 749.
- Rushchanskii K.Z.** see Bercha D.M. 2003, vol. 6, No. 2(34), 229.
- Russier V., Caprio D. Di, Badiali J.P.** Correlation inequalities in the vicinity of the liquid-gas critical point. 1996, iss. 7, 149.
- Ryabchenko S.M., Kirichenko F.V., Semenov Yu.G., Abramishvili V.G., Komarov A.V.** Additional lines in quantum wells excitonic spectra connected with

- QW asymmetry caused by technology. 1999, vol. 2, No. 3(19), 543.
- Saarela M.** see **Schörkhuber K.** 1999, vol. 2, No. 2(18), 319.
- Sadovskaya L.Ja.** see **Plyaka S.N.** 1999, vol. 2, No. 4(20), 625.
- Sadovskaya L.Ya.** see **Antonenko A.M.** 1999, vol. 2, No. 4(20), 721.
- Sadovskaya L.Ya.** see **Domoratsky K.V.** 1999, vol. 2, No. 4(20), 591.
- Sakhnyuk V.E.** see **Svidzinsky A.V.** 2000, vol. 3, No. 3(23), 683.
- Sakhnyuk V.E., Svidzinsky A.V.** Current states in an SNS junction for arbitrary thickness of the normal layer at temperatures close to critical. 2003, vol. 6, No. 1(33), 159.
- Salak M.** see **Lengyel V.** 1998, vol. 1, No. 3(15), 575.
- Salistra A.G.** Frequency moments: fine structure of X-ray spectra in metals and other applications. 1997, iss. 11, 179.
- Samuliak R.** see **Prykarpatsky A.** 1995, iss. 6, 79.
- Savenko S.** see **Shvets V.T.** 2002, vol. 5, No. 3(31), 511.
- Savenko V.P.** see **Rudavsky Yu.K.** 1995, iss. 5, 143.
- Savin A.V.** see **Zolotaryuk A.V.** 1999, vol. 2, No. 2(18), 293.
- Sazdjian H.** Connecting the potential theory to the quantum field theory. 1998, vol. 1, No. 3(15), 513.
- Schachinger E.** see **Schürrer I.** 1999, vol. 2, No. 3(19), 463.
- Schachinger E., Schürrer I.** Constraints on possible mechanisms for high- $T_c$  superconductivity. 1998, vol. 1, No. 1(13), 69.
- Schäfer H.** see **Heinzinger K.** 1999, vol. 2, No. 2(18), 273.
- Schäfer L.** see **von Ferber C.** 1996, iss. 7, 15.
- Schick M.** see **Li Xiao-jun** 2001, vol. 4, No. 2(26), 325.
- Schinagl F., Folk R., Iro H.** Multi-critical behaviour in magnetic fluids. 1999, vol. 2, No. 2(18), 313.
- Schmickler W.** The rate of electron-transfer reactions in the diffusive limit. 2001, vol. 4, No. 4(28), 773.
- Schörkhuber K., Krotscheck E., Paaso J., Saarela M., Zillich R.** Fermi liquid properties of  $^3\text{He}$ - $^4\text{He}$  mixtures. 1999, vol. 2, No. 2(18), 319.
- Schram P.P.-J.M.** see **Gerasimov O.I.** 2001, vol. 4, No. 1(25), 161.
- Schram P.P.J.-M.** see **Gerasimov O.I.** 1999, vol. 2, No. 3(19), 401.
- Schulte-Frohlinde V., Holovatch Yu., von Ferber C., Blumen A.** Interactions between star polymers: High-order calculations of the scaling exponents. 2003, vol. 6, No. 4(36), 703.
- Schürrer I.** see **Schachinger E.** 1998, vol. 1, No. 1(13), 69.
- Schürrer I., Schachinger E.** Optical conductivity in superconductors with mixed symmetry order parameters. 1999, vol. 2, No. 3(19), 463.
- Sejkovskij I.D., Zhiharev V.N., Popik Yu.V.** Calculation of adsorption and interaction mechanisms of  $\text{O}_2$  and  $\text{CO}_2$  molecules on  $\text{BaTiO}_3$  surface. 2003, vol. 6, No. 2(34), 281.
- Seke J.** see **Soldatov A.V.** 2000, vol. 3, No. 2(22), 371.
- Semagin D.** see **Kosevich A.** 1998, vol. 1, No. 2(14), 409.
- Semenov A.V.** see **Pashitskii E.A.** 1999, vol. 2, No. 3(19), 453.
- Semenov Yu.G.** see **Ryabchenko S.M.** 1999, vol. 2, No. 3(19), 543.
- Shapovalov G.G.** see **Prilutskii Yu.I.** 1997, iss. 9, 47.
- Sharapov S.G.** see **Gorbar E.V.** 1996, iss. 7, 53.
- Sharapov S.G.** see **Loktev V.M.** 1997, iss. 11, 131.
- Shchedrina L.V.** see **Kosorotov V.F.** 2000, vol. 3, No. 4(24), 827.
- Shchur Ya.I., Levitskii R.R.,**

- Vlokh O.G., Kityk A.V., Vysochansky Y.M., Grabar A.A.** Lattice dynamics of a monoclinic  $\text{CsH}_2\text{PO}_4$  crystal. 1999, vol. 2, No. 1(17), 93.
- Shelest T.N.** see **Mamalui A.A.** 1999, vol. 2, No. 4(20), 617.
- Shevel S.G.** see **Brodyn M.S.** 1999, vol. 2, No. 3(19), 531.
- Shimkevich A.L., Shimkevich I.Yu., Kuzin V.V.** Molecular dynamics study of ternary system  $\text{K}+\text{K}^{+q}+\text{O}^{-2q}$ . 1999, vol. 2, No. 2(18), 329.
- Shimkevich I.Yu.** see **Shimkevich A.L.** 1999, vol. 2, No. 2(18), 329.
- Shpot M.** Special surface transition: massive field theory and critical exponents in three dimensions. 1997, iss. 10, 143.
- Shpytko V.** see **Duviryak A.** 1998, vol. 1, No. 3(15), 463.
- Shusta V.S.** see **Kedyulich V.M.** 2000, vol. 3, No. 4(24), 851.
- Shusta V.S.** see **Slivka A.G.** 1999, vol. 2, No. 3(19), 415.
- Shvaika A.M.** Strong coupling Hartree-Fock approximation in the dynamical mean-field theory. 2001, vol. 4, No. 1(25), 85.
- Shvaika A.M.** see **Stasyuk I.V.** 1999, vol. 2, No. 1(17), 109.
- Shvaika A.M.** see **Stasyuk I.V.** 1993, iss. 1, 62.
- Shvaika A.M.** see **Stasyuk I.V.** 1994, iss. 3, 134.
- Shvets V.T., Savenko S., Datsko S.** Perturbation theory for electrical resistivity of liquid transition metals. 2002, vol. 5, No. 3(31), 511.
- Sitenko A.G.** On the irreversibility of fluctuations. 2000, vol. 3, No. 2(22), 277.
- Sizonenko Yu.V.** see **Stasyuk I.V.** 2002, vol. 5, No. 4(32), 685.
- Sizonenko Yu.V.** see **Stasyuk I.V.** 1995, iss. 5, 161.
- Skirda Ya.** see **Adamenko I.** 1997, iss. 9, 13.
- Skorenkyy Yu.** see **Didukh L.** 2000, vol. 3, No. 4(24), 787.
- Skorenkyy Yu.** see **Didukh L.** 2001, vol. 4, No. 1(25), 101.
- Skorenkyy Yu.** see **Didukh L.** 2001, vol. 4, No. 3(27), 491.
- Skulski R.** The determination of gaussian distribution width of Curie-Weiss temperatures and relaxation times. 1999, vol. 2, No. 4(20), 661.
- Slipenyuk A.M., Glinchuk M.D., Bykov I.P., Yurchenko L.P., Mikhnev V.A., Frenkel O.A., Tkachenko V.D., Garmash E.P.** Study of  $\text{BaTiO}_3$  ceramics doped with Mn and Ce or Nb and Sr. 2003, vol. 6, No. 2(34), 237.
- Slipukhina I.V.** see **Bercha D.M.** 2003, vol. 6, No. 2(34), 229.
- Slivka A.G.** The influence of hydrostatic pressure on phase transition in ferroelectrics of displacement type. 2000, vol. 3, No. 4(24), 845.
- Slivka A.G.** see **Kedyulich V.M.** 2000, vol. 3, No. 4(24), 851.
- Slivka A.G.** see **Kedyulich V.M.** 2002, vol. 5, No. 4(32), 761.
- Slivka A.G.** see **Kedyulich V.M.** 2003, vol. 6, No. 2(34), 271.
- Slivka A.G., Gerzanich E.I., Gurianich P.P., Shusta V.S., Kedyulich V.M.** Phase transitions in  $\text{Sn}_2\text{P}_2\text{S}_6$  ferroelectric under high pressures. 1999, vol. 2, No. 3(19), 415.
- Slivka V.Yu.** see **Yevych R.M.** 2003, vol. 6, No. 2(34), 315.
- Slobodskyy A.H., Dugaev V.K., Vieira M.** Ferromagnetic ordering in diluted magnetic semiconductors. 2002, vol. 5, No. 3(31), 531.
- Sluckin T.J.** see **Lednei M.F.** 2001, vol. 4, No. 2(26), 299.
- Slusarenko Yu.V.** On nonlinear dynamics of pair hydrodynamical fluctuations. 1996, iss. 7, 157.
- Slyusarenko Yu.V.** see **Peletminsky A.S.** 2000, vol. 3, No. 2(22), 227.
- Sokolovska T.G., Holovko M.F.** Exact relations in the theory of anisotropic liquids. 1997, iss. 11, 109.

- Sokolovskii R.O.** see **Levitskii R.R.** 1995, iss. 5, 81.
- Sokolovskii R.O.** see **Levitskii R.R.** 1996, iss. 7, 117.
- Sokolovskii R.O.** see **Levitskii R.R.** 1997, iss. 10, 67.
- Sokolovskii R.O.** see **Levitskii R.R.** 1998, vol. 1, No. 4(16), 849.
- Sokolovskii R.O.** see **Levitskii R.R.** 1999, vol. 2, No. 3(19), 393.
- Sokolowski S.** see **Henderson D.** 1996, iss. 7, 71.
- Sokolowski S.** see **Henderson D.** 1996, iss. 8, 51.
- Sokolyanskii G.Ch.** see **Plyaka S.N.** 1999, vol. 2, No. 4(20), 625.
- Soldatova E.D.** Variety of critical state nature manifestations. 1999, vol. 2, No. 4(20), 603.
- Soldatov A.V., Seke J., Bogolubov N.N., Jr.** On the Widder inversion method in problems of statistical mechanics. 2000, vol. 3, No. 2(22), 371.
- Solovjan V.B.** see **Vavrukh M.V.** 1993, iss. 1, 15.
- Solovsky V.B.** Calculation of the collective excitations spectrum for the electron liquid model in the local-field approximation. 1997, iss. 10, 165.
- Sorokov S.I.** Higher-order correlation functions of nonuniform Ising chain. 2002, vol. 5, No. 4(32), 617.
- Sorokov S.I.** see **Levitskii R.R.** 1994, iss. 3, 79.
- Sorokov S.I.** see **Levitskii R.R.** 1995, iss. 5, 81.
- Sorokov S.I.** see **Levitskii R.R.** 1996, iss. 7, 117.
- Sorokov S.I.** see **Levitskii R.R.** 1997, iss. 10, 67.
- Sorokov S.I.** see **Levitskii R.R.** 2000, vol. 3, No. 3(23), 515.
- Sorokov S.I.** see **Yukhnovskii I.R.** 1993, iss. 1, 43.
- Sorokov S.I., Levitskii R.R., Baran O.R.** Two-particle cluster approximation for Ising type model with arbitrary val- ue of spin. Correlation functions of Blume-Emery-Griffiths model. 1997, iss. 9, 57.
- Sovyak E.M.** On the accountment for multipole moments of particles in the screened potentials for inhomogeneous ion-molecular systems. 1993, iss. 2, 84.
- Sovyak E.M.** see **Holovko M.F.** 1993, iss. 1, 29.
- Sovyak E.M.** see **Holovko M.F.** 1995, iss. 6, 49.
- Sovyak E.M.** see **Yukhnovskii I.R.** 1997, iss. 9, 153.
- Sovyak E.M.** see **Zhelem R.I.** 1999, vol. 2, No. 1(17), 53.
- Spectorovski A.R.** see **Kumshayev S.B.** 1997, iss. 12, 173.
- Spektorovski A.R.** see **Kumshayev S.B.** 1997, iss. 12, 147.
- Spektorovski A.R.** see **Kumshayev S.B.** 1997, iss. 12, 161.
- Srinivas G.** see **Miyazaki K.** 2001, vol. 4, No. 2(26), 315.
- Stadnyk V.Yo.** see **Romanyuk M.O.** 1999, vol. 2, No. 4(20), 711.
- Stadnyk V.** see **Romanyuk M.O.** 2002, vol. 5, No. 3(31), 579.
- Stafiej J.** see **di Caprio D.** 2001, vol. 4, No. 4(28), 715.
- Stafiej J., Ekoka A., Borkowska Z., Badiali J.P.** A simple description of the structure of ionic solutions at electrified interfaces. 1997, iss. 12, 51.
- Stamenković S.** Peculiarities of neutron scattering by order-disorder antiferroelectrics. 2002, vol. 5, No. 4(32), 641.
- Stamenković S.** The unified model description of order-disorder and displacive structural phase transitions. 1998, vol. 1, No. 2(14), 257.
- Stankowski J.** see **Trybuła Z.** 1998, vol. 1, No. 2(14), 311.
- Staruszakiewicz A.** On the structure of the supplementary series of unitary irreducible representations of the proper, orthochronous Lorentz group. 1998, vol. 1, No. 3(15), 587.

- Stasyuk I., Czapla Z., Dacko S., Velychko O.** Proton ordering model of phase transitions in hydrogen bonded ferrielectric type systems: the GPI crystal. 2003, vol. 6, No. 3(35), 483.
- Stasyuk I.V.** Approximate analytical dynamical mean-field approach to strongly correlated electron systems. 2000, vol. 3, No. 2(22), 437.
- Stasyuk I.V.** Local anharmonic effects in high- $T_c$  superconductors. Pseudospin-electron model. 1999, vol. 2, No. 3(19), 435.
- Stasyuk I.V.** see **Danyliv O.D.** 1996, iss. 7, 163.
- Stasyuk I.V.** see **Danyliv O.D.** 2002, vol. 5, No. 3(31), 523.
- Stasyuk I.V., Havrylyuk Yu.** Phase transitions in pseudospin-electron model with direct interaction between pseudospins. 1999, vol. 2, No. 3(19), 487.
- Stasyuk I.V., Hera O.B.** Green's functions of infinite- $U$  asymmetric Hubbard model: Falicov-Kimball limit. 2003, vol. 6, No. 1(33), 127.
- Stasyuk I.V., Ivankiv O.L., Velychko O.V., Holubets' T.V.** Model description of the H-bonded transuranium complexes. 1999, vol. 2, No. 2(18), 345.
- Stasyuk I.V., Ivankiv Ya.L.** Configurational splitting in Raman scattering spectra of crystals with the order-disorder type phase transitions. 1999, vol. 2, No. 1(17), 155.
- Stasyuk I.V., Levitskii R.R., Moina A.P.** Pressure effect upon the dielectric response of KDP family crystals. 1999, vol. 2, No. 4(20), 731.
- Stasyuk I.V., Levitskii R.R., Zacheck I.R., Duda A.S.** Influence of  $\sigma_1 - \sigma_2$  stress on phase transition and physical properties of  $KD_2PO_4$ -type ferroelectrics. 2001, vol. 4, No. 3(27), 553.
- Stasyuk I.V., Levitskii R.R., Zacheck I.R., Moina A.P., Duda A.S.** Hydrostatic pressure influence on phase transition and physical properties of  $KD_2PO_4$ -type ferroelectrics. 1996, iss. 8, 129.
- Stasyuk I.V., Mysakovich T.S.** Pseudospin-electron model at weak coupling. 2002, vol. 5, No. 3(31), 473.
- Stasyuk I.V., Mysakovich T.S.** Raman light scattering for systems with strong short-range interaction. 2000, vol. 3, No. 1(21), 183.
- Stasyuk I.V., Shvaika A.M.** A model with local anharmonicity in theory of HTSC systems: correlation functions and "transverse" dielectric susceptibility. 1994, iss. 3, 134.
- Stasyuk I.V., Shvaika A.M.** The electron spectrum and the effective exchange interaction for Müller model in the theory of HTSC. 1993, iss. 1, 62.
- Stasyuk I.V., Shvaika A.M., Tabunshchyk K.V.** Thermodynamics of a pseudospin-electron model without correlations. 1999, vol. 2, No. 1(17), 109.
- Stasyuk I.V., Sizonenko Yu.V.** Effective local anharmonic potentials in solids. A model approach. 1995, iss. 5, 161.
- Stasyuk I.V., Stetsiv R.Ya., Sizonenko Yu.V.** Dynamics of charge transfer along hydrogen bond. 2002, vol. 5, No. 4(32), 685.
- Stasyuk I.V., Tabunshchyk K.V.** Pseudospin-electron model in the self-consistent gaussian fluctuation approximation. 2001, vol. 4, No. 1(25), 109.
- Stasyuk I.V., Trachenko K.O.** Investigation of locally anharmonic models of structural phase transitions. Seminumerical approach. 1997, iss. 9, 89.
- Stasyuk I.V., Velychko O.V.** New type phase transitions in the Mitsui model with bimodal random field. 1999, vol. 2, No. 4(20), 595.
- Stasyuk I.V., Velychko O.V., Czapla Z., Czukwinski R.** Thermodynamics and dielectric anomalies of DMAAS and DMAGaS crystals in the region of phase transitions (Landau theory approach). 2000, vol. 3, No. 1(21), 213.
- Stasyuk I.V., Vorobyov O.** Strong short-range interactions in one-dimensional

- proton conductor. 2003, vol. 6, No. 1(33), 43.
- Stell G.** see **Raineri F.O.** 2001, vol. 4, No. 4(28), 621.
- Stell G.** Model fluids of associating particles. 1993, iss. 2, 4.
- Stetsiv R.Ya.** see **Stasyuk I.V.** 2002, vol. 5, No. 4(32), 685.
- Stetsiv R.Ya.** Band electron spectrum and optical properties of KDP-crystals under the external hydrostatic pressure. 1999, vol. 2, No. 1(17), 173.
- Strampp W.** see **Prykarpatsky A.** 1995, iss. 6, 79.
- Strukov B.A.** see **Altukhov V.I.** 2002, vol. 5, No. 4(32), 769.
- Subota S.** see **Reshetnyak V.** 2001, vol. 4, No. 2(26), 307.
- Suchanicz J.** The effect of a.c. and d.c. electric field on the dielectric properties of  $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$  ceramic. 1999, vol. 2, No. 4(20), 649.
- Sugakov V.I.** see **Fishchuk I.I.** 1997, iss. 12, 27.
- Svidzinsky A.V.** see **Sakhnyuk V.E.** 2003, vol. 6, No. 1(33), 159.
- Svidzinsky A.V., Sakhnyuk V.E.** Current states in SNS junction for arbitrary concentrations of nonmagnetic impurities. 2000, vol. 3, No. 3(23), 683.
- Sydorenko Yu.** see **Prykarpatsky A.** 1995, iss. 6, 79.
- Sydoryk I.V.** see **Andrushchak A.S.** 2000, vol. 3, No. 4(24), 857.
- Syrkin E.S.** see **Feodosyev S.B.** 2000, vol. 3, No. 4(24), 767.
- Sytenko O.H.** Kinetic and hydrodynamic description of wave scattering and transformation in plasmas. 1995, iss. 5, 192.
- Sytenko O.H., Zagorodny A.G.** On the phenomenological description of electromagnetic fluctuations in turbulent plasmas. 1995, iss. 6, 105.
- Sznajder M.** see **Bercha D.M.** 2000, vol. 3, No. 4(24), 749.
- Śmiga W.** The frequency measurements of dielectric properties in the range phase transition in the  $\text{Li}_{0.02}\text{Na}_{0.98}\text{NbO}_3$ . 1999, vol. 2, No. 4(20), 643.
- Śmiga W.** see **Bąk W.** 1999, vol. 2, No. 4(20), 727.
- Tabunshchyk K.V.** see **Stasyuk I.V.** 1999, vol. 2, No. 1(17), 109.
- Tabunshchyk K.V.** see **Stasyuk I.V.** 2001, vol. 4, No. 1(25), 109.
- Tereshchenko A.** see **Kiselev A.** 2001, vol. 4, No. 1(25), 67.
- Thakor P.B., Gajjar P.N., Jani A.R.** Structural study of liquid rare earth metals from charged hard sphere reference fluid. 2002, vol. 5, No. 3(31), 493.
- Thakor P.B., Gajjar P.N., Jani A.R.** Thermodynamic properties of liquid alkali metals. 2001, vol. 4, No. 3(27), 473.
- Tishchenko V.V.** see **Brodyn M.S.** 1999, vol. 2, No. 3(19), 531.
- Titulaer U.M.** see **Katletz S.** 1999, vol. 2, No. 2(18), 361.
- Tkachenko I.M.** see **Adamyan V.M.** 2000, vol. 3, No. 3(23), 641.
- Tkachenko V.D.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Tkachuk V.M.** Supersymmetric method for constructing quasi-exactly solvable potentials. 1999, vol. 2, No. 2(18), 197.
- Tkachuk V.M.** The supersymmetry representation for correlation functions of disordered systems. 1995, iss. 6, 123.
- Tkachuk V.M.** see **Vakarchuk I.O.** 1994, iss. 3, 176.
- Tkach M., Voitsekivska O., Val' O.** Analytic peculiarities of the polaron mass operator in the first two orders of the coupling constant. 1998, vol. 1, No. 2(14), 401.
- Tkach M.M.** see **Holovatsky V.A.** 2000, vol. 3, No. 4(24), 863.
- Tkach M.V.** Branching integral fraction in the theory of the spectrum of quasiparticles interacting with phonons. 1997, iss. 9, 107.
- Tkach M.V., Mikhalyova M.Y., Voitsekivska O.M., Fartushinsky R.B.** Electron- and hole-phonon interaction in quantum dot embedded into semiconductor

medium ( $\text{GaAs}/\text{Al}_x\text{Ga}_{1-x}\text{As}$ ). 2001, vol. 4, No. 3(27), 579.

**Tkach M.V., Orlovsky S.A.** The spectra of surface exciton localised on the bound of two media. 1993, iss. 1, 107.

**Tkach M.V., Pronyshyn I.V., Makhanets A.M., Zegrya G.G., Golovach V.N.** Electron and hole spectra in the superlattice of cylindrical quantum wires. 1999, vol. 2, No. 3(19), 553.

**Tokarchuk M.** see **Batsevych O.** 2001, vol. 4, No. 3(27), 499.

**Tokarchuk M.V.** see **Batsevych O.F.** 2001, vol. 4, No. 2(26), 349.

**Tokarchuk M.V.** see **Checherov K.P.** 2000, vol. 3, No. 3(23), 597.

**Tokarchuk M.V.** see **Kobryn A.E.** 1996, iss. 8, 75.

**Tokarchuk M.V.** see **Kostrobii P.P.** 2001, vol. 4, No. 3(27), 407.

**Tokarchuk M.V.** see **Kostrobii P.P.** 2003, vol. 6, No. 3(35), 409.

**Tokarchuk M.V.** see **Morozov V.G.** 1994, iss. 4, 117.

**Tokarchuk M.V.** see **Mryglod I.M.** 1993, iss. 2, 102.

**Tokarchuk M.V.** see **Mryglod I.M.** 1994, iss. 3, 116.

**Tokarchuk M.V.** see **Omelyan I.P.** 1998, vol. 1, No. 1(13), 179.

**Tokarchuk M.V.** see **Yukhnovskii I.R.** 1999, vol. 2, No. 2(18), 351.

**Tokarchuk M.V.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.

**Tokarchuk M.V.** see **Yukhnovskii I.R.** 1997, iss. 9, 153.

**Tokarchuk M.V.** see **Zhelem R.I.** 1999, vol. 2, No. 1(17), 53.

**Tokarchuk M.V., Arimitsu T., Kobryn A.E.** Thermo field hydrodynamic and kinetic equations of dense quantum nuclear systems. 1998, vol. 1, No. 3(15), 605.

**Tokarchuk M.V., Humenyuk Y.A.** General expressions of the second-order approximation of the Chapman-Enskog method for the Enskog-Landau kinetic equation. 2000, vol. 3, No. 4(24), 711.

**Tokarchuk M.V., Omelyan I.P., Kobryn A.E.** A consistent description of kinetics and hydrodynamics of systems of interacting particles by means of nonequilibrium statistical operator method. 1998, vol. 1, No. 4(16), 687.

**Tokarchuk M.V., Omelyan I.P., Zhelem R.I.** On the statistical theory of electrolyte solutions transport through the membranes structures. Diffusion coefficients. 1993, iss. 2, 94.

**Tomchuk P.M.** see **Fedorovich R.D.** 1996, iss. 7, 5.

**Tomchuk P.M.** see **Lev B.I.** 2003, vol. 6, No. 1(33), 169.

**Tomchuk P.M., Luk'yanets S.P.** Coherent tunnel repolarization of a hydrogen bonded chain. 1998, vol. 1, No. 2(14), 203.

**Toth G.** see **Bocker J.** 1996, iss. 8, 17.

**Tovstogan A.S.** see **Kupnyi V.I.** 1997, iss. 12, 111.

**Tovstyuk N.** see **Lukyanets B.** 1996, iss. 8, 99.

**Tovstyuk N.K.** Thermodynamics of intercalated layer crystals at low temperatures. 2001, vol. 4, No. 3(27), 481.

**Tovstyuk N.K., Lukyanets B.A.** Dependence of electron states density of intercalated layer crystal on the intercalant concentration. 2002, vol. 5, No. 3(31), 503.

**Trachenko K.O.** see **Stasyuk I.V.** 1997, iss. 9, 89.

**Trasatti S.** see **Doubova L.M.** 2001, vol. 4, No. 4(28), 759.

**Tretyak V.** On relativistic models in the equilibrium statistical mechanics. 1998, vol. 1, No. 3(15), 553.

**Tretyak V.** see **Duviryak A.** 1998, vol. 1, No. 3(15), 463.

**Tretyak V.** see **Duviryak A.** 2001, vol. 4, No. 1(25), 5.

**Tretyak V.** see **Gaida R.** 1998, vol. 1, No. 3(15), 425.

**Tretyak V.** see **Nazarenko A.** 2000, vol. 3, No. 1(21), 5.

**Tretyak V.I.** see **Duvirvak A.A.** 1993, iss. 1, 92.

- Tripathi S., Chapman W.G.** Adsorption of associating fluids at active surfaces: a density functional theory. 2003, vol. 6, No. 3(35), 523.
- Troitskaya Yu.E., Yeremeychenko Yu., Zarochentsev E.** A new expansion for energy spectra of solids. 1996, iss. 8, 157.
- Trokhymchuk A.** see **Duda Yu.** 2002, vol. 5, No. 2(30), 227.
- Trokhymchuk A.** see **Henderson D.** 2001, vol. 4, No. 4(28), 779.
- Trokhymchuk A.** see **Henderson D.** 1996, iss. 7, 71.
- Trokhymchuk A.** see **Patsahan T.** 2003, vol. 6, No. 1(33), 3.
- Trokhymchuk A.** see **Wassan D.T.** 2001, vol. 4, No. 2(26), 361.
- Trokhymchuk A.D.** see **Bryk T.M.** 2003, vol. 6, No. 1(33), 23.
- Trokhymchuk A.D., Pizio O.A.** Optimized cluster theory for the structural properties of molten ionic systems. Molten phases of AgI, Ag<sub>2</sub>Se and Ag<sub>2</sub>S. 1993, iss. 2, 110.
- Trubitsyn M.P., Volnianskii M.D., Ermakov A.S., Linnik V.G.** Ferroelectric phase transition in lead germanate Pb<sub>5</sub>Ge<sub>3</sub>O<sub>11</sub> studied by ESR of Gd<sup>3+</sup> probe. 1999, vol. 2, No. 4(20), 677.
- Trubitsyn M.P.** see **Kudzin A.Yu.** 1999, vol. 2, No. 1(17), 149.
- Trubitsyn M.P.** ESR investigations of incommensurate Rb<sub>2</sub>ZnCl<sub>4</sub>:Mn<sup>2+</sup>. 1999, vol. 2, No. 4(20), 671.
- Trybuła Z., Stankowski J.** Coexistence of paraelectric/proton-glass and ferroelectric (antiferroelectric) orders in Rb<sub>1-x</sub>(NH<sub>4</sub>)<sub>x</sub>H<sub>2</sub>AsO<sub>4</sub> crystals. 1998, vol. 1, No. 2(14), 311.
- Tsehmister Ya.V.** see **Chalyi A.V.** 1997, iss. 9, 19.
- Tupychak V.P.** Magnetooptical effect in Jahn-Teller crystals with Kramers rare-earth ions. 1997, iss. 10, 173.
- Turkin A.A.** see **Byshkin M.S.** 2003, vol. 6, No. 1(33), 93.
- Turkowski V.M.** see **Loktev V.M.** 1998, vol. 1, No. 1(13), 113.
- Tytarenko P.V., Zhdanov V.I.** The existence and stability of relativistic shock waves: general criteria and numerical simulations for a non-convex equation of state. 1998, vol. 1, No. 3(15), 643.
- Urakami N.** see **Okajima H.** 2001, vol. 4, No. 1(25), 25.
- V'yunov O.I., Kovalenko L.L., Beilous A.G.** The effect of isovalent substitutions and dopants of 3d-metals on the properties of ferroelectrics-semiconductors. 2003, vol. 6, No. 2(34), 213.
- Vakarchuk I., Vasylyna K.** Calculation of the density matrix of liquid <sup>4</sup>He. 1997, iss. 9, 117.
- Vakarchuk I.O.** Density matrix of the system of identical particles, interacting via oscillator forces. 1995, iss. 5, 203.
- Vakarchuk I.O., Babin V.V.** Impurity effective mass in superfluid <sup>4</sup>He. 1998, vol. 1, No. 1(13), 161.
- Vakarchuk I.O., Rovenchak A.A.** Thermodynamics of the Bose-system with a small number of particles. 2001, vol. 4, No. 3(27), 431.
- Vakarchuk I.O., Tkachuk V.M., Kuliy T.V.** The influence of spin structural fluctuation on the spectrum and damping of spin waves in amorphous ferromagnets. 1994, iss. 3, 176.
- Vakarin E.V.** Unbinding of surface defects under the defect-selective adsorption. 2003, vol. 6, No. 3(35), 541.
- Vakarin E.V.** see **Holovko M.F.** 2000, vol. 3, No. 2(22), 417.
- Vakarin E.V., Holovko M.F.** Clustering as a mechanism of enhanced adsorption. 2003, vol. 6, No. 1(33), 119.
- Vakarin E.V., Holovko M.F.** Selective adsorption from polymer mixtures on solid surfaces. 2001, vol. 4, No. 4(28), 749.
- Vakarin E.V., Holovko M.F., Badiali J.P.** Adsorbate-induced distortion of solid surfaces. Application to HCl on ice

- at stratospheric conditions. 2001, vol. 4, No. 2(26), 251.
- Val' O.** see **Tkach M.** 1998, vol. 1, No. 2(14), 401.
- Varsamis Ch.-P.E., Vegiri A., Kamitsos E.I.** A molecular dynamics study of Li-doped borate glasses. 2001, vol. 4, No. 1(25), 119.
- Vasil'ev A.N.** see **Chalyi A.V.** 2000, vol. 3, No. 2(22), 335.
- Vasilyev Yu.O.** see **Kumshayev S.B.** 1997, iss. 12, 173.
- Vasilyev Yu.O.** see **Kumshayev S.B.** 1997, iss. 12, 189.
- Vasylyna K.** see **Vakarchuk I.** 1997, iss. 9, 117.
- Vatamaniuk O.Z.** see **Rudavsky Yu.K.** 1995, iss. 5, 143.
- Vavruk M.** see **Vavruk N.M.** 1993, iss. 1, 15.
- Vavruk M., Paslavskii V., Blazhiewskii O.** Local-field correction function of the Fermi system with a short-range interaction. 1997, iss. 9, 127.
- Vavruk M., Paslavskii V., Blazhiewskii O.** Reference system approach in the electron liquid theory. 1995, iss. 6, 155.
- Vavruk M.V., Vavruk N.M., Krokhmals'kii T.E., Solovjan V.B.** Calculation of local field correction of interacting electron gas by reference system method. 1993, iss. 1, 15.
- Vegiri A.** see **Varsamis Ch.-P.E.** 2001, vol. 4, No. 1(25), 119.
- Velychko O.** see **Stasyuk I.** 2003, vol. 6, No. 3(35), 483.
- Velychko O.V.** see **Stasyuk I.V.** 1999, vol. 2, No. 2(18), 345.
- Velychko O.V.** see **Stasyuk I.V.** 1999, vol. 2, No. 4(20), 595.
- Velychko O.V.** see **Stasyuk I.V.** 2000, vol. 3, No. 1(21), 213.
- Verkholyak T.M.** see **Levitskii R.R.** 2003, vol. 6, No. 2(34), 261.
- Vieira M.** see **Slobodskyy A.H.** 2002, vol. 5, No. 3(31), 531.
- Vieira A.P., Gonçalves L.L.** One-dimensional lattice gas. 1995, iss. 5, 210.
- Villani D.** see **Mancini F.** 1996, iss. 7, 133.
- Vishnyakov V.I., Dragan G.S.** Thermodynamic reasons of agglomeration of dust particles in the thermal dusty plasma. 2003, vol. 6, No. 4(36), 687.
- Vladimirov V.V., Gorshkov V.N.** Disintegration of cosmic garbage particles by electron beams. 1996, iss. 8, 167.
- Vlassopoulos D., Pakula T., Roovers J.** Structure and dynamics of irregular multiarm star polymers. 2002, vol. 5, No. 1(29), 105.
- Vlok O.G.** Parametric crystal optics of nonmagnetic ferroics. 1998, vol. 1, No. 2(14), 339.
- Vlok O.G.** see **Shchur Ya.I.** 1999, vol. 2, No. 1(17), 93.
- Vlok R.O.** see **Andrushchak A.S.** 2000, vol. 3, No. 4(24), 857.
- Voitsekivska O.** see **Tkach M.** 1998, vol. 1, No. 2(14), 401.
- Voitsekivska O.M.** see **Holovatsky V.A.** 2000, vol. 3, No. 4(24), 863.
- Voitsekivska O.M.** see **Tkach M.V.** 2001, vol. 4, No. 3(27), 579.
- Volnianskii M.D.** see **Kudzin A.Yu.** 1999, vol. 2, No. 1(17), 149.
- Volnianskii M.D.** see **Trubitsyn M.P.** 1999, vol. 2, No. 4(20), 677.
- Voloshinovskii A.** see **Myagkota S.** 2003, vol. 6, No. 2(34), 325.
- Vorobyov O.** see **Stasyuk I.V.** 2003, vol. 6, No. 1(33), 43.
- Vorotyntsev M.A.** see **Levi M.D.** 2002, vol. 5, No. 2(30), 329.
- Vossen M., Forstmann F., Kraemer A.** The central force water model at the electrolyte-electrode interface: an integral equation approach. 1997, iss. 9, 137.
- Vrabel V.T.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 293.
- Vrabel V.T.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 301.

- Vysochanskii Yu.** see **Drobnich A.** 1998, vol. 1, No. 2(14), 331.
- Vysochanskii Yu., Drobnich A.** The phase transitions character and microscopic models for  $\text{Sn}_2\text{P}_2\text{S}(\text{Se})_6$  ferroelectrics. 2002, vol. 5, No. 4(32), 669.
- Vysochansky Y.M.** see **Shchur Ya.I.** 1999, vol. 2, No. 1(17), 93.
- Vysochanskii Yu.M.** see **Drobnich A.V.** 2003, vol. 6, No. 2(34), 205.
- Vysochanskii Yu.M.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 293.
- Vysochanskii Yu.M.** see **Maior M.M.** 2003, vol. 6, No. 2(34), 301.
- Vysochanskii Yu.M.** see **Yevych R.M.** 2003, vol. 6, No. 2(34), 315.
- Vysochanskii Yu.M., Molnar A.A., Khoma M.M., Motrja S.F.** The influence of defects and conductivity on the domain structure properties and the memory effect in the ferroelectrics-semiconductors  $\text{Sn}_2\text{P}_2\text{Se}_6$ . 1999, vol. 2, No. 3(19), 421.
- Walter H.-G.** see **Khalack Ju.M.** 1997, iss. 11, 61.
- Wang Q.-H.** see **Percus J.K.** 2003, vol. 6, No. 3(35), 387.
- Warkusz F., Linek A.** Non-linear mechanical, electrical and thermal phenomena in piezoelectric crystals. 2003, vol. 6, No. 2(34), 333.
- Wasan D.T.** see **Henderson D.** 2001, vol. 4, No. 4(28), 779.
- Wassan D.T., Nikolov A., Trokhymchuk A., Henderson D.** Colloidal suspensions confined to the film: local structure and film stability. 2001, vol. 4, No. 2(26), 361.
- Weiland J.** see **Zagorodny A.** 1998, vol. 1, No. 4(16), 835.
- Weiland J.** see **Zagorodny A.** 2001, vol. 4, No. 4(28), 603.
- Weis J.-J.** see **Mazars M.** 2001, vol. 4, No. 4(28), 697.
- Weis J.J.** see **Lomba E.** 2001, vol. 4, No. 1(25), 45.
- Yakibchuk P.M.** Calculation of the thermodynamical potential for electron-ionic model of metal with nonlocal interactions. 1997, iss. 10, 179.
- Yakibchuk P.M.** Effective interionic interaction in transition metals. 1997, iss. 9, 149.
- Yanishevsky V.S.** Gaussian approximation for Ising model. Variational approach. 2000, vol. 3, No. 1(21), 201.
- Yaremko Yu.** see **Gaida R.** 1998, vol. 1, No. 3(15), 425.
- Yaroshchuk O.** see **Kiselev A.** 2001, vol. 4, No. 1(25), 67.
- Yavors'kii T.** see **Holovatch Yu.** 1997, iss. 11, 87.
- Yeremeychenkova Yu.** see **Troitskaya Yu.E.** 1996, iss. 8, 157.
- Yevych R.M., Perechinskii S.I., Grabar A.A., Vysochanskii Yu.M., Slivka V.Yu.** Temperature dependence of the Brillouin spectra in  $\text{Sn}_2\text{P}_2\text{S}(\text{Se})_6$  ferroelectric crystals. 2003, vol. 6, No. 2(34), 315.
- Yokoyama H.** see **Lev B.I.** 2003, vol. 6, No. 1(33), 169.
- Yukhnovskii I.R., Kolomiets V.O., Idzyk I.M.** A description of the critical point of simple fluids in the collective variables method. 1995, iss. 6, 137.
- Yukhnovskii I.R., Kolomijets V.O., Idzyk I.M.** A description of the liquid-gas critical point vicinity of simple real systems by the collective variables method. I. The reference system and  $t > t_c$  region. 1993, iss. 1, 5.
- Yukhnovskii I.R., Levitskii R.R., Sorokov S.I.** The study of quasispin systems in reference system approach. 1993, iss. 1, 43.
- Yukhnovskii I.R., Tokarchuk M.V., Ignatyuk V.V., Kobryn A.E., Omelian I.P., Zhelem R.I., Dmytriv G.S., Ivankiv O.L.** Studies on nonequilibrium physico-chemical processes in the system “Fuel containing masses – aqueous solutions of radioactive elements”. 1997, iss. 12, 63.

- Yukhnovskii I.R., Tokarchuk M.V., Omelyan I.P., Sovyak E.M., Zhelem R.I.** On the description of structural distribution and diffusion of radioactive elements in the system “glassy nuclear magma – water”. 1997, iss. 9, 153.
- Yukhnovskii I.R., Tokarchuk M.V., Zhelem R.I.** Physical processes in the fuel containing masses interacting with aqueous solutions in the “Shelter” object. Inhomogeneous diffusion of ions  $\text{UO}_2^{2+}$ ,  $\text{Cs}^+$  in the system “glassy nuclear magma – water”. 1999, vol. 2, No. 2(18), 351.
- Yurchenko L.P.** see **Slipenyuk A.M.** 2003, vol. 6, No. 2(34), 237.
- Yurijchuk I.M.** see **Melnichuk S.V.** 2000, vol. 3, No. 4(24), 799.
- Yurijchuk I.M.** see **Melnichuk S.V.** 1999, vol. 2, No. 1(17), 133.
- Zaburannyi O.** see **Derzhko O.** 1999, vol. 2, No. 2(18), 339.
- Zachek I.R.** see **Levitskii R.R.** 1998, vol. 1, No. 4(16), 849.
- Zachek I.R.** see **Levitskii R.R.** 1999, vol. 2, No. 3(19), 515.
- Zachek I.R.** see **Levitskii R.R.** 2002, vol. 5, No. 3(31), 541.
- Zachek I.R.** see **Levitskii R.R.** 2003, vol. 6, No. 2(34), 261.
- Zachek I.R.** see **Stasyuk I.V.** 2001, vol. 4, No. 3(27), 553.
- Zachek I.R.** see **Stasyuk I.V.** 1996, iss. 8, 129.
- Zadorozhna A.V.** see **Kityk A.V.** 2000, vol. 3, No. 4(24), 759.
- Zagorodny A.** see **Bystrenko O.** 1998, vol. 1, No. 1(13), 169.
- Zagorodny A.** see **Bystrenko O.** 2003, vol. 6, No. 3(35), 425.
- Zagorodny A., Holod I.** Large-scale fluctuations and particle diffusion across external magnetic field in turbulent plasmas. 2000, vol. 3, No. 2(22), 295.
- Zagorodny A., Weiland J.** Non-Markovian renormalization of kinetic coefficients for drift wave turbulence. 2001, vol. 4, No. 4(28), 603.
- Zagorodny A., Weiland J.** Non-Markovian Fokker-Planck equations and turbulent diffusion in plasmas. 1998, vol. 1, No. 4(16), 835.
- Zagorodny A.G.** see **Sytenko O.H.** 1995, iss. 6, 105.
- Zagrebnov V.A.** Generalized condensation and the Bogoliubov theory of superfluidity. 2000, vol. 3, No. 2(22), 265.
- Zakrevskyy Yu.** see **Kiselev A.** 2001, vol. 4, No. 1(25), 67.
- Zarochentsev E.** see **Troitskaya Yu.E.** 1996, iss. 8, 157.
- Zatovsky A.V., Zvelindovsky A.V.** Mössbauer absorption by ions in the highly viscous liquids. 1996, iss. 8, 175.
- Zegrya G.G.** see **Tkach M.V.** 1999, vol. 2, No. 3(19), 553.
- Zhdanov V.I.** see **Tytarenko P.V.** 1998, vol. 1, No. 3(15), 643.
- Zhelem R.I.** see **Tokarchuk M.V.** 1993, iss. 2, 94.
- Zhelem R.I.** see **Yukhnovskii I.R.** 1999, vol. 2, No. 2(18), 351.
- Zhelem R.I.** see **Yukhnovskii I.R.** 1997, iss. 12, 63.
- Zhelem R.I.** see **Yukhnovskii I.R.** 1997, iss. 9, 153.
- Zhelem R.I., Tokarchuk M.V., Omelyan I.P., Sovyak E.M.** Calculation of distribution functions and diffusion coefficients for ions in the system “initial electrolyte solution – membrane”. 1999, vol. 2, No. 1(17), 53.
- Zheleznyak M.J.** The mathematical modelling of radionuclide transport by surface water flow from the vicinity of the Chornobyl Nuclear Power Plant. 1997, iss. 12, 37.
- Zhidkov A.** see **Baryakhtar V.** 2002, vol. 5, No. 3(31), 449.
- Zhiharev V.N.** see **Sejkovskij I.D.** 2003, vol. 6, No. 2(34), 281.
- Zhukov A.V.** see **Adamenko I.N.** 1999, vol. 2, No. 1(17), 63.
- Zhydkov V.** see **Baryakhtar V.** 2002, vol. 5, No. 3(31), 449.

**Zhylinski V.V.** see **Kumshayev S.B.** 1997, iss. 12, 189.

**Zillich R.** see **Schörkhuber K.** 1999, vol. 2, No. 2(18), 319.

**Zinets O.S.** see **Fishchuk I.I.** 1997, iss. 12, 27.

**Zolotaryuk A.V., Christiansen P.L., Nordén B., Savin A.V.** Soliton and ratchet motions in helices. 1999, vol. 2, No. 2(18), 293.

**Zoppi M.** see **Corradi G.** 2003, vol. 6, No. 3(35), 499.

**Zoppi M., Celli M., Bafile U., Guarini E., Neumann M.** On the microscopic structure of liquid hydrogens. 2001, vol. 4, No. 2(26), 283.

**Zubarev D.N.** Nonequilibrium statistical operator as a generalization of Gibbs distribution for nonequilibrium case. 1994, iss. 4, 7.

**Zvelindovsky A.V.** see **Zatovsky A.V.** 1996, iss. 8, 175.

## Birthdays

50th birthday of Myroslav Holovko. 1993, iss. 2, 3.

60th birthday of Myroslav Holovko. 2003, vol. 6, No. 3(35), 365.

Celebration issues of the invited papers for Professor Ihor Yukhnovskii. 2000, vol. 3, No. 2(22), 225.

Honorary issues dedicated to the 60-th anniversary of Professor Ihor Stasyuk. 1998, vol. 1, No. 1(13), 3.

In honour of Professor Ihor Yukhnovskii on the occasion of his 75th birthday. 2000, vol. 3, No. 3(23), 697.

On Ivan Vakarchuk's 50-th birthday. 1997, iss. 10, 189.

On Mykhailo Kozlovskii's 50th birthday. 2002, vol. 5, No. 3(31), 587.

On Yu.K.Rudavskii's 50-th birthday. 1997, iss. 10, 191.

On Yurij Kalyuzhnyj's 50th birthday. 2001, vol. 4, No. 4(28), 789.

Professor Roman Levitskii's 60-th anniversary. 2002, vol. 5, No. 4(32), 593.

The 60th anniversary of Hartmut Krienke. 2003, vol. 6, No. 3(35), 561.

The 60th anniversary of Jean-Pierre Badioli. 2001, vol. 4, No. 4(28), 597.

The 65th anniversary of Professor Ihor Stasyuk. 2003, vol. 6, No. 3(35), 563.

The anniversary of Professor Ihor Yukhnovskii. 1995, iss. 5, 5.

O.H.Sytenko: a brief account of scientific, educational, managing and civil activities (to the 70-th anniversary). 1997, iss. 9, 3.

## In memoriam

In Memory of Roman Gaida (1928–1998). 1998, vol. 1, No. 3(15), 417.

To the memory of Professor D.N.Zubarev. 1994, iss. 4, 5.

To the memory of Professor D.N.Zubarev. 1998, vol. 1, No. 4(16), 671.

To the memory of Alexej Sitenko (Oleksij Sytenko) vol. 5, No. 1(29), 201.

## Book reviews

**Holovko M.F.** A new modern book on electrolyte solutions. 2000, vol. 3, No. 2(22), 457.

**Mryglod I.M.** Physics of complex systems. 2001, vol. 4, No. 4(28), 785.

**Stasyuk I.V.** Models and phenomenology for conventional and high-temperature superconductivity. 2001, vol. 4, No. 3(27), 591.

**Tokarchuk M.V.** Bose-Einstein condensation in atomic gases (Proceedings of the International School of Physics “Enrico Fermi”). 2001, vol. 4, No. 2, 363.

**Zagorodny A.** Plasmas in the Universe. 2001, vol. 4, No. 2(26), 382.

## Editorial

Annual awards for young researchers in the field of statistical physics and condensed matter theory. 2003, vol. 6, No. 1(33), 181; No. 4(36), 749.

Author index of volume 5 (2002). 2002, vol. 5, No. 4(32), 777.

Cumulative author index 1993–2003. 2003, vol. 6, No. 4(36), 713.

Editorial. 2000, vol. 3, No. 1(21), 3; 2002, vol. 5, No. 2(30), 209; 2003, vol. 6, No. 2(34), 185; 2003, vol. 6, No. 4(36), 571.

From the organizing committee of the International Workshop “Aqueous Solutions: the Problems of Radioactive Impurities” (Lviv, December 7–8, 1996) (by Yukhnovskii I., Holovko M., Ivankiv O., Mryglod I., Protsykevych I., Tokarchuk M.). 1997, iss. 12, 3.

INTAS-Ukraine Workshop on Condensed Matter Physics, 21–24 May, 1998, Lviv, Ukraine (by Folk R., Holovatch Yu., Mryglod I.). 1999, vol. 2, No. 2(18), 187; No. 3(19), 381.

List of INTAS Projects presented at the Workshop. 1999, vol. 2, No. 3(19), 586.

List of participants of the INTAS-Ukraine Workshop on Condensed Matter

Physics. 1999, vol. 2, No. 3(19), 577.

Materials of the round table “Phase transitions and critical phenomena: past, present, and future” (collected and edited by Dudka M., Holovatch Yu., Melnyk R., Mryglod I., Patsahan O., Yavors’kii T.). 2001, vol. 4, No. 1(25), 165.

Materials of the round table “Analytical methods and computer experiment in soft matter theory” (collected and edited by Trokhymchuk A., Henderson D., Lee L.). 2001, vol. 4, No. 2(26), 375.

Preface. 1993, iss. 1, 3.

Star polymers (by von Ferber Ch., Holovatch Yu.). 2002, vol. 5, No. 1, 3.

Ten years of “Condensed Matter Physics”. 2003, vol. 6, No. 4(36), 569.

The Fourth Ukrainian-Polish meeting on ferroelectricity, 15–19 June, 1998, Dnepropetrovsk, Ukraine. 1999, vol. 2, No. 4(20), 589.

The Sixth Ukrainian-Polish and Second East-European Meeting on Ferroelectrics Physics. 2003, vol. 6, No. 2(34), 187.

Workshop “Modern problems of Soft Matter Theory”, August 27–31, 2000, Lviv, Ukraine (by Barthel J., Mryglod I.). 2001, vol. 4, No. 1(25), 3.