
Author index of volume 10 (2007)

- Adamiec M.** see **Grigas J.** No. 1(49), 101.
- Akiyama R., Fujino N., Kaneda K.,** **Kinoshita M.** Interaction between like-charged colloidal particles in aqueous electrolyte solution: Attractive component arising from solvent granularity. No. 4(52), 587.
- Alawneh M.** see **Henderson D.** No. 3(51), 323.
- Amano T., Sato H., Sakaki S.** Energy partitioning on intermolecular interactions: ab initio Monte Carlo study of water dimer. No. 4(52), 463.
- Andriyevsky B., Ciepluch-Trojanek W., Patryn A.** Effect of hydrostatic pressure on structural and electronic properties of TGS crystals (first-principle calculations). No. 1(49), 33.
- Andrusyk A.Ya.** see **Levitskii R.R.** No. 2(50), 269.
- Badiali J.-P.** see **Patsahan T.** No. 4(52), 579.
- Blum L., Veloz D.V.P.** Towards an analytical theory for charged hard spheres. No. 3(51), 381.
- Boichuk V.I., Borusevych V.A., Kogoutiouk I.P.** Polaron density of states of AlAs/GaAs/AlAs and PbS/PbTe/PbS type quantum well. No. 2(50), 219.
- Borusevych V.A.** see **Boichuk V.I.** No. 2(50), 219.
- Bovgyra O.V., Stadnyk V.Yo., Franiv A.V., Tuzyak M.R., Chyzh O.Z.** The band energy structure of RbKSO₄ crystals. No. 1(49), 39.
- Bryk T.M., Mryglod I.M.** Dynamics of ternary liquid mixtures: Generalized collective modes analysis. No. 4(52), 481.
- Buchuk R.Yu.** see **Studenyak I.P.** No. 1(49), 11.
- Bzovska I.S.** see **Mryglod I.M.** No. 2(50), 165.
- Chyhin V.I., Karpyak S.Y.** Numerical modelling of low-temperature non-equilibrium plasma of pulsing corona and breakdown. No. 2(50), 209.
- Chyzh O.Z.** see **Bovgyra O.V.** No. 1(49), 39.
- Chyzh O.Z.** see **Stadnyk V.Yo.** No. 1(49), 45.
- Ciepluch-Trojanek W.** see **Andriyevsky B.** No. 1(49), 33.
- Cummings P.T.** see **Kalyuzhnyi Yu.V.** No. 4(52), 553.
- Dong W.** Fluids confined in porous media: An ideal gas in different matrices. No. 4(52), 509.
- Dovganiuk M.** see **Makhanets O.** No. 1(49), 69.
- Dragan G.S.** see **Vishnyakov V.I.** No. 2(50), 201.
- Dudka M., Folk R., Moser G.** Gauge dependence of the critical dynamics at the superconducting phase transition. No. 2(50), 189.
- Dulepa I.R.** see **Stasyuk I.V.** No. 2(50), 259.
- Dyer K., Perkyns J., Pettitt B., Stell G.** An angle dependent site-renormalized theory for the conformations of n-butane in a simple fluid. No. 3(51), 331.
- Folk R.** see **Dudka M.** No. 2(50), 189.
- Franiv A.V.** see **Bovgyra O.V.** No. 1(49), 39.
- Fujino N.** see **Akiyama R.** No. 4(52), 587.
- Gerzanich E.I.** see **Shusta V.S.** No. 1(49), 91.
- Grabovsky S.** see **Strukov B.** No. 1(49), 111.
- Grigas J., Talik E., Adamiec M., Lazauskas V.** X-ray photoelectron spectra and electronic structure of quasi-one-dimensional SbSeI crystals. No. 1(49), 101.
- Grygorchak I., Voitovych S., Stasyuk I., Velychko O., Menchyshyn O.** Electret effect in intercalated crystals of the A^{III}B^{VI} group. No. 1(49), 51.
- Gryschyk A.M.** see **Voitsekhivska O.M.** No. 1(49), 17.
- Gryschyk A.** see **Makhanets O.** No. 1(49), 69.
- Guranich P.P.** see **Shusta V.S.** No. 1(49), 91.

-
- Gutsul V.** see **Holovatsky V.** No. 1(49), 61.
- Hamasaki M.** Nonequilibrium perturbative formalism and spectral function for the Anderson model. No. 2(50), 235.
- Henderson D., Alawneh M., Saavedra-Barrera R., Lozada-Cassou M.** Application of a recently proposed test to the hypernetted chain approximation for the electric double layer. No. 3(51), 323.
- Hirata F.** Autobiography of Fumio Hirata No. 3(51), 299.
- Hirata F.** see **Mitsutake A.** No. 4(52), 495.
- Hlushak P.A.** see **Tokarchuk M.V.** No. 2(50), 179.
- Holovatch Yu.** see **Ilnytskyi J.M.** No. 4(52), 539.
- Holovatch Yu.** see **Mryglod O.** No. 2(50), 129.
- Holovatsky V., Gutsul V.** Electron energy spectrum in core-shell elliptic quantum wire. No. 1(49), 61.
- Holovko M.F., Kapko V.I.** Ion-dipole model for electrolyte solutions: Application of the associative mean spherical approximation. No. 3(51), 397.
- Holovko M.** see **Patsahan T.** No. 2(50), 143.
- Humenyuk Y.A.** see **Tokarchuk M.V.** No. 2(50), 151.
- Ikuta Y.** see **Maruyama Y.** No. 3(51), 315.
- Ilnytskyi J.M., Holovatch Yu.** How does the scaling for the polymer chain in the dissipative particle dynamics hold?. No. 4(52), 539.
- Imai T.** Molecular theory of partial molar volume and its applications to biomolecular systems. No. 3(51), 343.
- Janeček J., Krienke H., Schmeer G.** Inhomogeneous Monte Carlo simulation of the vapor-liquid equilibrium of benzene between 300 K and 530 K. No. 3(51), 415.
- Kalyuzhnyi Yu.V., Protsykevitch I.A., Cummings P.T.** Liquid-gas phase behavior of Stockmayer fluid with high dipolar moment. No. 4(52), 553.
- Kaneda K.** see **Akiyama R.** No. 4(52), 587.
- Kapko V.I.** see **Holovko M.F.** No. 3(51), 397.
- Karpyak S.Y.** see **Chyhin V.I.** No. 2(50), 209.
- Kinoshita M.** Structure of aqueous electrolyte solutions near a hydrophobic surface. No. 3(51), 387.
- Kinoshita M.** see **Akiyama R.** No. 4(52), 587.
- Kinoshita M.** see **Matubayasi N.** No. 4(52), 471.
- Kinoshita M.** see **Mitsutake A.** No. 4(52), 495.
- Kogoutiuk I.P.** see **Boichuk V.I.** No. 2(50), 219.
- Konstantinovich A.V., Konstantinovich I.A.** Radiation spectrum of an electron moving in a spiral in medium. No. 1(49), 5.
- Konstantinovich I.A.** see **Konstantinovich A.V.** No. 1(49), 5.
- Konstantinov V.A.** see **Pursky O.I.** No. 2(50), 229.
- Korynevskii N.A.** see **Lipiński I.E.** No. 1(49), 79.
- Kozlovskii M.P.** The effect of finite size of the system on correlation length behaviour at the presence of external field. No. 2(50), 173.
- Krienke H.** see **Janeček J.** No. 3(51), 415.
- Krip I.M.** see **Tokarchuk M.V.** No. 2(50), 179.
- Kuriata J.** see **Lipiński I.E.** No. 1(49), 79.
- Lazauskas V.** see **Grigas J.** No. 1(49), 101.
- Lee J.Y.** see **Lou P.** No. 3(51), 425.
- Levitskii R.R., Lisnii B.M., Andrusyk A.Ya.** Theoretical investigations of thermodynamic properties of partially deuterated $K(H_{1-x}D_x)_2PO_4$ ferroelectrics. No. 2(50), 269.
- Lipiński I.E., Kuriata J., Korynevskii N.A.** On a correlation between EPR data for SASeD doped with Cr^{3+} and soft modes. No. 1(49), 79.
- Lisnii B.M.** see **Levitskii R.R.** No. 2(50), 269.
- Lou P., Lee J.Y.** Emptiness formation probability for the spin- $\frac{1}{2}$ XX chain with three spin and uniform long-range interactions. No. 3(51), 425.
- Lozada-Cassou M.** see **Henderson D.** No. 3(51), 323.
- Makhanets O., Gryschyk A., Dovganiiuk M.** Electron and hole spectra in quantum wire with two quantum dots in the electric field. No. 1(49), 69.

- Maruyama Y., Matsugami M., Ikuta Y.** Probing cations recognized by a crown ether with the 3D-RISM theory. II. 18-crown-6 ether. No. 3(51), 315.
- Matsugami M.** see Maruyama Y. No. 3(51), 315.
- Matubayasi N., Kinoshita M., Nakahara M.** Hydration free energy of hard-sphere solute over a wide range of size studied by various types of solution theories. No. 4(52), 471.
- Matyjasek K., Rogowski R.** Dynamics of the domain structure in non-uniform ferroelectric crystals. No. 1(49), 95.
- Menchyshyn O.** see Grygorchak I. No. 1(49), 51.
- Mitsutake A., Kinoshita M., Hirata F., Okamoto Y.** Combination of generalized-ensemble algorithms and one-dimensional reference interaction site model theory. No. 4(52), 495.
- Miyata T.** Reference interaction site model study on the anomeric equilibrium of D-glucose in aqueous solution. No. 3(51), 433.
- Morozovska A.N.** Pyroelectric response of inhomogeneous ferroelectric-semiconductor films. No. 1(49), 85.
- Moser G.** see Dudka M. No. 2(50), 189.
- Mryglod I.M., Bzovska I.S.** Ground-state diagrams for lattice-gas models of catalytic CO oxidation. No. 2(50), 165.
- Mryglod I.M.** see Bryk T.M. No. 4(52), 481.
- Mryglod O., Holovatch Yu.** Towards journalometrical analysis of a scientific periodical: a case study. No. 2(50), 129.
- Nakahara M.** see Matubayasi N. No. 4(52), 471.
- Obaidat Yahia A.H.** see Volnianskii M.D. No. 1(49), 75.
- Okamoto Y.** see Mitsutake A. No. 4(52), 495.
- Okazaki S.** see Yoshii N. No. 4(52), 573.
- Panchenko T.V., Strelets K.Yu.** Photochromic effect and photoconductivity in undoped and doped $\text{Bi}_{12}\text{SiO}_{20}$ crystals. No. 2(50), 289.
- Patey G.N.** see Sokolovska T.G. No. 3(51), 407.
- Patryn A.** see Andrievsky B. No. 1(49), 33.
- Patsahan T., Holovko M.** Molecular dynamics study of aqueous uranyl in hydrophilic mesoporous confinement: the case of slit-like pore in amorphous silica. No. 2(50), 143.
- Patsahan T., Taleb A., Stafiej J., Badiali J.-P.** Mapping between two models of etching process. No. 4(52), 579.
- Perkyns J.** see Dyer K. No. 3(51), 331.
- Pettitt B.** see Dyer K. No. 3(51), 331.
- Prits I.P.** see Shusta V.S. No. 1(49), 91.
- Protsykevitch I.A.** see Kalyuzhnyi Yu.V. No. 4(52), 553.
- Pursky O.I., Konstantinov V.A.** Contribution of thermal expansion and “diffusive” modes to isobaric thermal conductivity of rare gas solids. No. 2(50), 229.
- Rogowski R.** see Matyjasek K. No. 1(49), 95.
- Romanyuk M.O.** see Stadnyk V.Yo. No. 1(49), 45.
- Rushchanskii K.Z.** see Studenyak I.P. No. 1(49), 11.
- Saavedra-Barrera R.** see Henderson D. No. 3(51), 323.
- Sakaki S.** see Amano T. No. 4(52), 463.
- Sakaki S.** see Sato H. No. 3(51), 373.
- Sato H., Yokogawa D., Sakaki S.** Polyatomic molecules in condensed phase: bond order index and solvation energy studied by RISM-SCF theory. No. 3(51), 373.
- Sato H.** see Amano T. No. 4(52), 463.
- Schmeer G.** see Janeček J. No. 3(51), 415.
- Seti Ju.O.** see Tkach M.V. No. 1(49), 23.
- Shnaidshtein I.** see Strukov B. No. 1(49), 111.
- Shusta V.S., Prits I.P., Guranich P.P., Gerzanich E.I., Slivka A.G.** Dielectric properties of CuInP_2S_6 crystals under high pressure. No. 1(49), 91.
- Shymchuk T.V.** see Tokarchuk M.V. No. 2(50), 179.
- Slivka A.G.** see Shusta V.S. No. 1(49), 91.
- Sokolovska T.G., Sokolovskii R.O., Patey G.N.** Improved ansatz for the direct correlation function in dilute nematic colloids. No. 3(51), 407.
- Sokolovskii R.O.** see Sokolovska T.G. No. 3(51), 407.
- Stadnyk V.Yo., Romanyuk M.O., Chyzh O.Z., Vachulovych V.F.** The baric

- changes of the refractive properties of K_2SO_4 crystals. No. 1(49), 45.
- Stadnyk V.Yo.** see **Bovgyra O.V.** No. 1(49), 39.
- Stafiej J.** see **Patsahan T.** No. 4(52), 579.
- Stasyuk I.V., Dulepa I.R.** Density of states of one-dimensional Pauli ionic conductor. No. 2(50), 259.
- Stasyuk I.** see **Grygorchak I.** No. 1(49), 51.
- Stell G.** see **Dyer K.** No. 3(51), 331.
- Stepanova M.** Towards coarse-grained modelling of proteins. No. 3(51), 441.
- Stephanovich V.O.** see **Studenyak I.P.** No. 1(49), 11.
- Strelets K.Yu.** see **Panchenko T.V.** No. 2(50), 289.
- Strukov B., Shnaishtain I., Grabovsky S.** Phase transitions in KDP crystals with the complex organic and inorganic impurities. No. 1(49), 111.
- Studenyak I.P., Rushchanskii K.Z., Buchuk R.Yu., Stephanovich V.O.** Phonon spectra of Cu_6PS_5Br superionic ferroelastic: experimental and theoretical studies. No. 1(49), 11.
- Taleb A.** see **Patsahan T.** No. 4(52), 579.
- Talik E.** see **Grigas J.** No. 1(49), 101.
- Tkach M.V., Seti Ju.O.** Exciton in closed and opened quantum dot. No. 1(49), 23.
- Tokarchuk M.V., Hlushak P.A., Krip I.M., Shymchuk T.V.** Reactionary – electrodiffusion equations of transport processes of electrolyte solutions of radioelements through porous clayey structures. No. 2(50), 179.
- Tokarchuk M.V., Humenyuk Y.A.** Hydrodynamic equations for dense fluid mixtures with multistep interaction between particles. No. 2(50), 151.
- Trubitsyn M.P.** see **Volnianskii M.D.** No. 1(49), 75.
- Tuzyak M.R.** see **Bovgyra O.V.** No. 1(49), 39.
- Vachulovych V.F.** see **Stadnyk V.Yo.** No. 1(49), 45.
- Vakarchuk S.** see **Yakibchuk P.** No. 2(50), 249.
- Veloz D.V.P.** see **Blum L.** No. 3(51), 381.
- Velychko O.** see **Grygorchak I.** No. 1(49), 51.
- Vishnyakov V.I., Dragan G.S.** Coupling parameter for low-temperature plasma with condensed phase. No. 2(50), 201.
- Voitovych S.** see **Grygorchak I.** No. 1(49), 51.
- Voitsekhivska O.M., Gryschyk A.M.** Properties of interface phonon spectra in complicated cylindrical nanosystems. No. 1(49), 17.
- Volkov O.** see **Yakibchuk P.** No. 2(50), 249.
- Volnianskii M.D., Trubitsyn M.P., Obaidat Yahia A.H.** EPR and dielectric spectroscopy of reorienting Cr^{3+} – Li^+ pair centres in $Li_2Ge_7O_{15}$ crystal. No. 1(49), 75.
- Yakibchuk P., Volkov O., Vakarchuk S.** Average replicated T-matrix approximation: valence band of non-crystalline metallic alloys. No. 2(50), 249.
- Yokogawa D.** see **Sato H.** No. 3(51), 373.
- Yoshida N.** Analytical free energy gradient for the molecular Ornstein-Zernike self-consistent-field method. No. 3(51), 363.
- Yoshii N., Okazaki S.** A molecular dynamics study of structure and dynamics of surfactant molecules in SDS spherical micelle. No. 4(52), 573.
- Yoshimori A.** A molecular theory of large-solute diffusion. No. 4(52), 563.

Editorial

VIII Ukrainian-Polish and III East-European Meeting on Ferroelectrics Physics (September 4–7, 2006, Lviv, Ukraine). No. 1(49), 3.

VIIth School-Seminar for Young Scientists in Statistical Physics and Condensed Matter Theory. No. 1(49), 121.

VIII Workshop and Competition for young scientists in the field of statistical physics and condensed matter theory. No. 4(52), 603.

Birthdays

The 60th anniversary of Ivan Vakarchuk. No. 1(49), 119.

50th birthday of Yurij Holovatch. No. 2(50), 293.

The 60th anniversary of Fumio Hirata. No. 3(51), 297; No. 4(52), 461.

60th birthday of Mykola Korynevskii. No. 4(52), 597.

In memoriam

To the memory of Yuri Rudavskii. No. 1(49), 123.