
Author index of volume 11 (2008)

- Adamiec M.** see **Grigas J.** No.3(55), 473.
- Alekseechkin N.V.** On the kinetics of phase transformation of small particles in Kolmogorov's model. No.4(56), 597.
- Antonov V.N., Kukusta D.A., Shpak A.P., Yaresko A.N.** Electronic structure and x-ray magnetic circular dichroism in the Heusler alloy Co₂FeSi. No.4(56), 627.
- Arimitsu T.** see **Yoshida K.** No.4(56), 687.
- Bafle U., Barocchi F., Guarini E.** Collective dynamics in noble-gas and other very simple classical fluids. No.1(53), 107.
- Barocchi F.** see **Bafle U.** No.1(53), 107.
- Baron A.Q.R.** see **Inui M.** No.1(53), 83.
- Bencivenga F.** see **Masciovecchio C.** No.1(53), 47.
- Bermejo F.J., Fernandez-Alonso F., Cabrillo C.** Multiple time scales in the microscopic dynamics of simple and complex liquids as studied by radiation scattering. No.1(53), 95.
- Bier T.** On matrices associated to prime factorization of odd integers. No.4(56), 723.
- Bilynskyi I.V.** see **Boichuk V.I.** No.4(56), 653.
- Bogachev L., Daletskii A.** Equilibrium stochastic dynamics of Poisson cluster ensembles. No.2(54), 261.
- Boichuk V.I., Bilynskyi I.V., Leshko R.Ya.** The effect of polarization charges on energy of univalent and bivalent donors in a spherical quantum dot. No.4(56), 653.
- Boldrighini C., Minlos R.A., Pellegrinotti A.** Random walks in random environment with Markov dependence on time. No.2(54), 209.
- Bove L.E., Petrillo C., Sacchetti F.** Ion density fluctuations in liquid metals: the strongly interacting ion-electron plasma. No.1(53), 119.
- Bryk T., Mryglod I.** Structural relaxation in pure liquids: Analysis of wavenumber dependence within the approach of generalized collective modes. No.1(53), 139.
- Cabrillo C.** see **Bermejo F.J.** No.1(53), 95.
- Chong S.-H.** see **Kim B.** No.1(53), 179.
- Czerebak-Morozowicz E.B., Rychlik Z., Urbanek M.** Almost sure functional central limit theorems for multiparameter stochastic processes. No.2(54), 371.
- Daletskii A.** see **Bogachev L.** No.2(54), 261.
- Descombes X., Zhizhina E.** The Gibbs fields approach and related dynamics in image processing. No.2(54), 293.
- Didukh L., Skorenkyy Yu., Kramar O.** Electron correlations in narrow energy bands: modified polar model approach. No.3(55), 443.
- Domański T.** Continuous unitary transformation approach to pairing interactions in statistical physics. No.2(54), 195.
- Dubrovskii I.M.** The role of angular momentum conservation law in statistical mechanics. No.4(56), 585.
- Fernandez-Alonso F.** see **Bermejo F.J.** No.1(53), 95.
- Freericks J.K.** see **Shvaika A.M.** No.3(55), 425.
- Gessini A.** see **Masciovecchio C.** No.1(53), 47.
- González D.J., González L.E.** Microscopic dynamics in liquid binary alloys: orbital-free *ab-initio* molecular dynamics studies. No.1(53), 155.
- González L.E.** see **González D.J.** No.1(53), 155.
- Grigas J., Talik E., Lazauskas V., Vysochanskii Yu.M., Yevych R., Adamiec M., Nelkinas V.** X-ray photoelectron spectroscopy of Sn₂P₂S₆ crystals. No.3(55), 473.
- Guarini E.** see **Bafle U.** No.1(53), 107.
- Guyvan H.M.** see **Slivka A.G.** No.3(55), 571.
- Hennet L.** see **Price D.L.** No.1(53), 57.
- Hirata F.** see **Kim B.** No.1(53), 179.
- Hosokawa S.** Inelastic X-ray scattering experiments at extreme conditions: high temperatures and high pressures. No.1(53), 71.

- Inui M., Ishikawa D., Matsuda K., Tamura K., Baron A.Q.R.** Experimental techniques of high-resolution inelastic X-ray scattering measurements for supercritical metallic fluids at high temperature and high pressure using synchrotron radiation at SPring-8. No.1(53), 83.
- Ishikawa D.** see Inui M. No.1(53), 83.
- Ishizuka R.** see Kim B. No.1(53), 179.
- Ivanova I.M., Kalita V.M., Pashkov V.O., Loktev V.M.** Quantum phase transition: Van Vleck antiferromagnet in a magnetic field. No.3(55), 509.
- Jahn S., Madden P.A.** Atomic dynamics of alumina melt: A molecular dynamics simulation study. No.1(53), 169.
- Jitendra K.** see Shanker J. No.4(56), 681.
- Kępa D., Kozitsky Yu.** Bassalygo-Dobrushin uniqueness for continuous spin systems on irregular graphs. No.2(54), 313.
- Kalita V.M.** see Ivanova I.M. No.3(55), 509.
- Kedyulich V.M.** see Slivka A.G. No.3(55), 571.
- Khomenko A.V., Prodanov N.V.** Molecular dynamics simulations of ultrathin water film confined between flat diamond plates. No.4(56), 615.
- Kim B., Chong S.-H., Ishizuka R., Hirata F.** An attempt toward the generalized Langevin dynamics simulation. No.1(53), 179.
- Kondratiev Y., Lytvynov E., Röckner M.** Non-equilibrium stochastic dynamics in continuum: The free case. No.4(56), 701.
- Kondratiev Yu.G., Kuna T., Ohlerich N.** Selection-mutation balance models with epistatic selection. No.2(54), 283.
- Kondratiev Yu.G., Kuna T., Oliveira M.J.** Extension of explicit formulas in Poissonian white noise analysis using harmonic analysis on configuration spaces. No.2(54), 237.
- Kostrobij P.P., Markovych B.M.** Semi-infinite metal: perturbative treatment based on semi-infinite jellium. No.4(56), 641.
- Kotorowicz J.S., Ustimenko V.A.** On the implementation of cryptoalgorithms based on algebraic graphs over some commutative rings. No.2(54), 347.
- Kozitsky Yu.** see Kępa D. No.2(54), 313.
- Kramar O.** see Didukh L. No.3(55), 443.
- Krasnov V.O.** see Mysakovich T.S. No.4(56), 663.
- Kukusta D.A.** see Antonov V.N. No.4(56), 627.
- Kuna T.** see Kondratiev Yu.G. No.2(54), 237.
- Kuna T.** see Kondratiev Yu.G. No.2(54), 283.
- Lazauskas V.** see Grigas J. No.3(55), 473.
- Leshko R.Ya.** see Boichuk V.I. No.4(56), 653.
- Leszczyński H.** Differential functional von Foerster equations with renewal. No.2(54), 361.
- Levitskii R.R., Zachek I.R., Moina A.P., Vdovych A.S.** Longitudinal relaxation of mechanically free KH_2PO_4 type crystals. Piezoelectric resonance and sound attenuation. No.3(55), 555.
- Levitsky R.R., Sorokov S.I., Stankowski J., Trybula Z., Vdovych A.S.** Thermodynamics and complex dielectric permittivity of mixed crystals of the $\text{Rb}_{1-x}(\text{NH}_4)_x\text{H}_2\text{PO}_4$ type. No.3(55), 523.
- Loktev V.M., Turkowski V.** Spin fluctuations and the “strange metal” behavior of a weakly doped antiferromagnet. No.3(55), 483.
- Loktev V.M.** see Ivanova I.M. No.3(55), 509.
- Lytvynov E., Polara P.T.** On convergence of generators of equilibrium dynamics of hopping particles to generator of a birth-and-death process in continuum. No.2(54), 223.
- Lytvynov E.** see Kondratiev Y. No.4(56), 701.
- Madden P.A.** see Jahn S. No.1(53), 169.
- Mancini F., Mancini F.P.** Magnetic and thermal properties of a one-dimensional spin-1 model. No.3(55), 543.
- Mancini F.P.** see Mancini F. No.3(55), 543.
- Markovych B.M.** see Kostrobij P.P. No.4(56), 641.
- Masciovecchio C., Bencivenga F., Gessini A.** Water dynamics at the nanoscale. No.1(53), 47.
- Matsuda K.** see Inui M. No.1(53), 83.
- Matuła P., Stępień I.** On the application of strong approximation to weak convergence of products of sums for dependent random variables. No.4(56), 749.
- Minlos R.A.** see Boldrighini C. No.2(54), 209.

-
- Moina A.P.** see **Levitskii R.R.** No.3(55), 555.
- Mryglod I.** see **Bryk T.** No.1(53), 139.
- Mysakovych T.S., Krasnov V.O., Stasyuk I.V.** Phase transitions in the lattice model of intercalation. No.4(56), 663.
- Nelkinas V.** see **Grigas J.** No.3(55), 473.
- Ohlerich N.** see **Kondratiev Yu.G.** No.2(54), 283.
- Oliveira M.J.** see **Kondratiev Yu.G.** No.2(54), 237.
- Orecchini A., Pilgrim W.-C., Petrillo C., Suck J.-B., Sacchetti F.** BRISP, a new small-angle time-of-flight neutron spectrometer to study collective dynamics in disordered matter. No.1(53), 19.
- Oudovenko V.S.** see **Plakida N.M.** No.3(55), 495.
- Pashkov V.O.** see **Ivanova I.M.** No.3(55), 509.
- Pellegrinotti A.** see **Boldrighini C.** No.2(54), 209.
- Petrillo C.** see **Bove L.E.** No.1(53), 119.
- Petrillo C.** see **Orecchini A.** No.1(53), 19.
- Pikuta P.** Local solutions to Darboux problem with a discontinuous right-hand side. No.4(56), 755.
- Pilgrim W.-C.** see **Orecchini A.** No.1(53), 19.
- Plakida N.M., Oudovenko V.S.** Electronic spectrum and superconductivity in Hubbard model. No.3(55), 495.
- Polara P.T.** see **Lytvynov E.** No.2(54), 223.
- Portnyagin D.** Modelling of cycling of lithium battery with microporous carbon electrode. No.4(56), 669.
- Pozdnyakova I.** see **Price D.L.** No.1(53), 57.
- Price D.L., Hennet L., Pozdnyakova I., Saboungi M.-L.** Nanometer-scale dynamics of high-temperature levitated liquids. No.1(53), 57.
- Prodanov N.V.** see **Khomenko A.V.** No.4(56), 615.
- Röckner M., Schmuland B., Zhang X.** Yamada-Watanabe theorem for stochastic evolution equations in infinite dimensions. No.2(54), 247.
- Röckner M.** see **Kondratiev Y.** No.4(56), 701.
- Ruocco G., Sette F.** The history of the "fast sound" in liquid water. No.1(53), 29.
- Rychlik Z.** see **Czerebak-Morozowicz E.B.** No.2(54), 371.
- Saboungi M.-L.** see **Price D.L.** No.1(53), 57.
- Sacchetti F.** see **Bove L.E.** No.1(53), 119.
- Sacchetti F.** see **Orecchini A.** No.1(53), 19.
- Schirmacher W., Sinn H.** Collective dynamics of simple liquids: A mode-coupling description. No.1(53), 127.
- Schmuland B.** see **Röckner M.** No.2(54), 247.
- Seti Ju.O.** see **Tkach M.V.** No.3(55), 463.
- Sette F.** see **Ruocco G.** No.1(53), 29.
- Shanker J., Singh B.P., Jitendra K.** Analysis of thermal expansivity of solids at extreme compression. No.4(56), 681.
- Shaska T.** Quantum codes from algebraic curves with automorphisms. No.2(54), 383.
- Shpak A.P.** see **Antonov V.N.** No.4(56), 627.
- Shvaika A.M., Freericks J.K.** F-electron spectral function of the Falicov-Kimball model and the Wiener-Hopf sum equation approach. No.3(55), 425.
- Singh B.P.** see **Shanker J.** No.4(56), 681.
- Sinn H.** see **Schirmacher W.** No.1(53), 127.
- Skorenkyy Yu.** see **Didukh L.** No.3(55), 443.
- Slivka A.G., Kedyulich V.M., Guyvan H.M.** External field effect on the anisotropy of dielectric permeability of KH_2PO_4 and $\text{NaKC}_4\text{H}_4\text{O}_6 \cdot 4\text{H}_2\text{O}$ crystals under high pressure. No.3(55), 571.
- Sorokov S.I.** see **Levitsky R.R.** No.3(55), 523.
- Spałek J.** Effective t-J model of pairing: singlet versus triplet. No.3(55), 455.
- Stępień I.** see **Matuła P.** No.4(56), 749.
- Stankowski J.** see **Levitsky R.R.** No.3(55), 523.
- Stasyuk I.V.** see **Mysakovych T.S.** No.4(56), 663.
- Struckmeier S.** Invariance principle for diffusions in random environment. No.2(54), 275.
- Suck J.-B.** Inelastic neutron scattering applied to the investigation of collective excitations in topologically disordered matter. No.1(53), 7.

-
- Suck J.-B.** see **Orecchini A.** No.1(53), 19.
- Talik E.** see **Grigas J.** No.3(55), 473.
- Tamura K.** see **Inui M.** No.1(53), 83.
- Tkach M.V., Seti Ju.O., Voitsekhivska O.M.** Evolution of quasistationary electron spectrum in open spherical quantum dot. No.3(55), 463.
- Trybula Z.** see **Levitsky R.R.** No.3(55), 523.
- Turkowski V.** see **Loktev V.M.** No.3(55), 483.
- Urbanek M.** see **Czerebak-Morozowicz E.B.** No.2(54), 371.
- Ustimenko V.A.** see **Kotorowicz J.S.** No.2(54), 347.
- Vakarchuk I.O.** Theory of radiation and absorption of deformed field quanta. No.3(55), 409.
- Vdovych A.S.** see **Levitskii R.R.** No.3(55), 555.
- Vdovych A.S.** see **Levitsky R.R.** No.3(55), 523.
- Voitsekhivska O.M.** see **Tkach M.V.** No.3(55), 463.
- Volchenkov D.** Analysis of urban complex networks. No.2(54), 331.
- Vysochanskii Yu.M.** see **Grigas J.** No.3(55), 473.
- Vysochanskii Yu.M.** see **Yevych R.M.** No.3(55), 417.
- Wróbel M.** Modelling complex networks by random hierarchical graphs. No.2(54), 341.
- Yaresko A.N.** see **Antonov V.N.** No.4(56), 627.
- Yevych R.** see **Grigas J.** No.3(55), 473.
- Yevych R.M., Vysochanskii Yu.M.** The second order phase transition in $\text{Sn}_2\text{P}_2\text{S}_6$ crystals: anharmonic oscillator model. No.3(55), 417.
- Yoshida K., Arimitsu T.** Annihilation operators associated with unstable vacua in non-equilibrium thermo-field dynamics. No.4(56), 687.
- Zacheck I.R.** see **Levitskii R.R.** No.3(55), 555.
- Zhang X.** see **Röckner M.** No.2(54), 247.
- Zhizhina E.** see **Descombes X.** No.2(54), 293.

Editorial

Collective dynamics in liquids: today and tomorrow. No. 1(53), 3.

Infinite Particle Systems: Complex Systems III. (June 2007, Kazimierz Dolny, Poland). No. 2(54), 193.

IX Workshop and Competition for young scientists in the field of statistical physics and condensed matter theory. No. 4(56), 771.

III Conference “Statistical Physics: Modern Trends and Applications”. (June 23–25, 2009, Lviv, Ukraine). No. 4(56), 773.

Birthdays

The 70-th anniversary of Professor Ihor Stasyuk. No. 3(55), 401.

Erratum

J.-B.Suck, Inelastic neutron scattering applied to the investigation of collective excitations in topologically disordered matter [Condens. Matter Phys., 2008, **11**, 1(53), 7].