

ANNOUNCEMENT

PACS numbers: 01.10.-m, 01.30.-y

Contents of the Ginzburg centenary issues of the “Uspekhi Fizicheskikh Nauk” (“Physics – Uspekhi”) journal

DOI: <https://doi.org/10.3367/UFNe.2017.04.038116>**“Uspekhi Fizicheskikh Nauk” journals (in Russian)***Usp. Fiz. Nauk* 186 (10), October 2016

Ot redaktsionnoi kollegii	1033	From the Editorial Board	945
OBZORY AKTUAL'NYKH PROBLEM		REVIEWS OF TOPICAL PROBLEMS	
<i>M.V. Sadovskii.</i> Vysokotemperaturnaya sverkhprovodimost' v monosloyakh FeSe	1035	<i>M.V. Sadovskii.</i> High-temperature superconductivity in FeSe monolayers	947
<i>F.Ya. Khalili.</i> Kvantovye izmereniya v detektorakh gravitatsionnykh voln	1059	<i>F.Ya. Khalili.</i> Quantum measurements in gravitational-wave detectors	968
<i>V.V. Zheleznyakov, E.Ya. Zlotnik, V.V. Zaitsev, V.E. Shaposhnikov.</i> Effekt dvoinogo plazmennogo rezonansa i ego rol' v radioastronomii	1090	<i>V.V. Zheleznyakov, E.Ya. Zlotnik, V.V. Zaitsev, V.E. Shaposhnikov.</i> Double plasma resonance and its manifestations in radio astronomy	997
FIZIKA NASHIKH DNEI		PHYSICS OF OUR DAYS	
<i>V.F. Mukhanov.</i> Kvantovaya Vselennaya	1117	<i>V.F. Mukhanov.</i> Quantum Universe	1021
Novosti fiziki v seti Internet (<i>Yu.N. Eroshenko</i>)	1126	Physics news on the Internet (<i>Yu.N. Eroshenko</i>)	1052
METODICHESKIE ZAMETKI		METHODOLOGICAL NOTES	
<i>L.P. Pitaevskii.</i> Dinamika uedinenyykh voln v ul'trakholodnykh gazakh v terminakh nablyudaemykh velichin	1127	<i>L.P. Pitaevskii.</i> Dynamics of solitary waves in ultracold gases in terms of observable quantities	1028
KONFERENTSII I SIMPOZIUMY		CONFERENCES AND SYMPOSIA	
O pervom pryamom detektirovaniii gravitatsionnykh voln (Nauchnaya sessiya Otdeleniya fizicheskikh nauk Rossiiskoi akademii nauk, 2 marta 2016 g.)		On the first direct detection of gravitational waves (Scientific session of the Physical Sciences Division of the Russian Academy of Sciences, 2 March 2016)	
<i>V.I. Pustovoit.</i> O neposredstvennom obnaruzhenii gravitatsionnykh voln	1133	<i>V.I. Pustovoit.</i> On the direct detection of gravitational waves	1034

Usp. Fiz. Nauk 186 (11), November 2016

OBZORY AKTUAL'NYKH PROBLEM		REVIEWS OF TOPICAL PROBLEMS	
<i>L.M. Zelenyi, H.V. Malova, E.E. Grigorenko, V.Yu. Popov.</i> Tonkie tokovye sloi: ot rabot Ginzburga–Syrovatskogo do nashikh dnei	1153	<i>L.M. Zelenyi, H.V. Malova, E.E. Grigorenko, V.Yu. Popov.</i> Thin current sheets: from the work of Ginzburg and Syrovatskii to the present day	1057
<i>S.M. Grach, E.N. Sergeev, E.V. Mishin, A.V. Shindin.</i> Dinamicheskie kharakteristiki plazmennoi turbulentnosti ionosfery, initisirovannoi vozdeistviem moshchnogo korotkovolnovogo radioizlucheniya	1189	<i>S.M. Grach, E.N. Sergeev, E.V. Mishin, A.V. Shindin.</i> Dynamic properties of ionospheric plasma turbulence driven by high-power high-frequency radiowaves	1091
FIZIKA NASHIKH DNEI		PHYSICS OF OUR DAYS	
<i>R. Onofrio.</i> Okhlazhdenie i termometriya atomnykh fermi-gazov	1229	<i>R. Onofrio.</i> Cooling and thermometry of atomic Fermi gases	1129
<i>M.I. Eremets, A.P. Drozdov.</i> Vysokotemperaturnye obychnye sverkhprovodniki	1257	<i>M.I. Eremets, A.P. Drozdov.</i> High-temperature conventional superconductivity	1154

Usp. Fiz. Nauk 186 (12), December 2016

OBZORY AKTUAL'NYKH PROBLEM		REVIEWS OF TOPICAL PROBLEMS	
<i>V.V. Kocharovskiy, Vl.V. Kocharovskiy, V.Yu. Martyanov, S.V. Tarasov.</i> Analiticheskaya teoriya samosoglasovannykh tokovyh struktur v besstolknovitel'noi plazme	1267	<i>V.V. Kocharovskiy, Vl.V. Kocharovskiy, V.Yu. Martyanov, S.V. Tarasov.</i> Analytical theory of self-consistent current structures in a collisionless plasma	1165
<i>M.M. Korshunov, Yu.N. Togushova, O.V. Dolgov.</i> Primesi v mnogozonnykh sverkhprovodnikakh	1315	<i>M.M. Korshunov, Yu.N. Togushova, O.V. Dolgov.</i> Impurities in multiband superconductors	1211
METODICHESKIE ZAMETKI		METHODOLOGICAL NOTES	
<i>K.P. Zybin, A.S. Il'yin.</i> Svoistva turbulentnosti, voznikayushchei pod vozdeistviem vneshnee sluchainoi sily v modeli Byurgersa	1349	<i>K.P. Zybin, A.S. Il'yin.</i> Properties of turbulence driven by random external force in the Burgers model	1241
IZ ISTORII FIZIKI		FROM THE HISTORY OF PHYSICS	
<i>G.B. Malykin.</i> Vintovye ellipticheskie polaryzatsionnye mody	1355	<i>G.B. Malykin.</i> V L Ginzburg's helical elliptic polarization modes and their application	1245