

LIST OF PAPERS PUBLISHED IN “PHYSICOCHEMICAL MECHANICS OF MATERIALS” IN 2019

<i>Prikhna T. O., Podhurska V. Ya., Ostash O. P., Vasylyv B. D., Sverdun V. B., Karpets M. V., and Serbeniuk T. B.</i> The influence of technology of obtaining composites based on titanium MAX-phases on wear under contact with copper. Part 2. One-step technology	1	7
<i>Basaraba Yu. B., Zasadnyi T. M., Lutsyshyn T. I., and Marchuk I. Ye.</i> The influence of high-energy milling in hydrogen on phase-structural state of alloys based on the Laves phases	1	14
<i>Boichyshyn L. M., Khrushchuk Kh. I., Kovbuz M. O., Hertsyk O. M., and Hula T. H.</i> Peculiarities of transition of the amorphous $Al_{87}REM_5Ni_8(Fe)$ alloys into the crystalline state due to temperature influence	1	21
<i>Gubenko S. I.</i> Transformation of non-metallic inclusions in steels under high-temperature heating	1	30
<i>Babak V. P., Shchetov V. V., Gladkii Ya. N., Suprun T. T., and Bys S. S.</i> Structural regeneration of coatings under friction	1	35
<i>Lukaszewicz A.</i> Temperature field in the contact area under friction welding of metals in rotation	1	41
<i>Vinas J., Brezina J., Brezina J., and Maruschak P. O.</i> Structural and mechanical features of laser welded joints of zinc-coated advanced steel sheets	1	47
<i>Kolomiets V. V., Antoshchenkov R. V., Ridnyi R. V., Bogdanovich S. A., and Fabrichnikova I. A.</i> Optimization of processing of the inhomogeneous deposited materials of tractor details	1	52
<i>Ogorodnikov V. A. and Arkhipova T. F.</i> Prediction of mechanical properties of metals after cold pressure treatment	1	61
<i>Gutsalenko Yu. G., Sevidova E. K., and Stepanova I. I.</i> The influence of plasmoelectrolytic oxidation regimes on the dielectric properties of coatings on D16T alloy	1	66
<i>Parashchuk L. Ya., Atamaniuk V. V., and Smychok V. D.</i> Development of the composition of complex expansive addition and its influence on the concrete strength	1	72
<i>Datsyshyn O. P., Glazov A. Yu., and Lenkovskiy T. M.</i> Estimation of contact lifetime of 65T steel by spalling formation criterion	1	80
<i>Shopa T. V.</i> Transversal vibrations of an orthotropic plate with a set of inclusions of arbitrary configuration with different types of connections with a plate	1	89
<i>Harmatiy H. Yu., <u>Popovych V. S.</u>, and Krul M.</i> The influence of material thermosensitivity on non-steady thermal state of a multilayer plate	1	98
<i>Kyrylova O. I. and Mykhaskiv V. V.</i> Time-harmonic vibrations and resonance effects under antiplane shear of a hollow elastic cylinder with a crack	1	105
<i>Stasiuk B. M., Kret N. V., Zvirko O. I., and Shtoiko I. P.</i> Analysis of the stress state of a gas pipeline pipe with a hydrogen-induced macrodefect	1	113
<i>Vasylyev G. S.</i> Polarization resistance technique adaptation for corrosion rate measurement in the conditions of formation of low soluble iron corrosion products	1	119
<i>Stechyshyn M. S., Skyba M. Ye., Sukhenko Yu. H., and Tsepenyuk M. I.</i> Fatigue strength of nitrated steels in corrosion-active environments of food production industry	1	125

<i>Kulyk V. V., Ostash O. P., and Vira V. V.</i> The influence of higher Si and Mn content on operation characteristics of wheel steel.....2	7
<i>Voyevodin V. M., Mitrofanov A. S., Gozhenko S. V., Vasilenko R. L., Krainyuk Ye. O., Bazhukov A. V., Paliy A. M., and Melnyk P. Ye.</i> Non-metallic inclusions in 08X18H10T steel as a cause of defects in the heat exchange tubes of NPP steam generators.....2	16
<i>Student O. Z., Krechkovska H. V., Nykyforchyn H. M., and Kurnat I. M.</i> Fractographic criterion of carbon steels reaching critical technical state2	24
<i>Buketov A. V., Brailo M. V., Yakushchenko S. V., and Yatsiuk V. M.</i> Development of epoxy-polyester matrix with improved adhesion and physicomechanical properties using an isocyanate modifier.....2	31
<i>Blikharskyy Ya. Z.</i> Mechanical properties anisotropy of heat-treated rebar A500S2	37
<i>Dmitrieva G. P., Cherepova T. S., Kosorukova T. A., and Pryadko T. V.</i> The influence of rhenium alloying on heat resistance of cobalt with niobium carbide alloy2	43
<i>Zhuravel I. M.</i> Computer assessing the variation of grain size of the exploited 12X1MΦ steel structure2	48
<i>Kryshchop S. I., Prunko I. B., Dolishnii B. V., Panchuk M. V., Bohatchuk I. M., and Melnyk V. M.</i> Regularities of wear of metal polymer friction couples under influence of tribocurrents.....2	53
<i>Zhuravlov O. Yu., Shijan O. V., Semenov M. O., Strigunovskiy S. V., Levenets V. V., and Shirokov B. M.</i> Deposition of boron carbide coatings by gas-phase method.....2	61
<i>Pohrelyuk I. M., Fedirko V. M., and Proskurnyak R. V.</i> The influence of dispersity of the powder component of the saturating medium on titanium alloys carboxiding2	64
<i>Yapontseva Yu. S. and Kublanovsky V. S.</i> Corrosive and catalytic properties of electrolytic Co–Mo–Re coatings2	71
<i>Kolesnyk V. P., Chuha O. M., Sliusar D. V., Kalakhan O. S., Voloshyn O. O., Oleinyk S. V., and Veselivska H. H.</i> Structure and properties of ion-plasma WC coatings.....2	77
<i>Bohun L. I., Kovbasiuk T. M., Kushpir V. I., and Humeniuk I. A.</i> Wear resistance of Fe–Cr–Mn–Ti–Al coatings sprayed by powder wires.....2	81
<i>Savruk M. P., Kazberuk A., and Chornenkyi A. B.</i> Stress state in a quasi-orthotropic half-plane with a curvilinear edge2	88
<i>Dubyk Ya. R. and Seliverstova I. P.</i> Application of the approximate solutions of the shell theory for the problem on concentrated force action on the hollow cylinder2	96
<i>Jiang Qionggqin, Hembara O. V., and Chepil O. Ya.</i> Finite element simulation of hydrogen influence on the accumulation of damages in the steels under high-temperature creep2	104
<i>Malezhik M. P., Pidgurskyi M. I., Rudyak Yu. A., Fedchyshyn N. O., Pidgurskyi I. M., and Voitovich L. V.</i> Investigation fracture of an orthotropic plate with a circular hole and two edge cracks by the method of dynamic elasticity2	112
<i>Ivanytskyi Ya. L., Hvozdiuk M. M., Maksymenko O. P., Klysh S., Kharchenko Ye. B., and Shyshkovskiy R. O.</i> Assessment of contact strength of bolted joints of composite plates2	116
<i>Khoma M. S., Ivashkiv V. R., Halaichak S. A., Chuchman M. R., and Vasylyv Kh. B.</i> The influence of steels structure on corrosion, hydrogenation, stress corrosion cracking in hydrogen sulphide environments.....2	121
<i>Polutrenko M. S., Maruschak P. O., Tsyba A. A., and Bishchak R. T.</i> Development of corrosion inhibitors of ferrite-pearlite steels in environment of tione bacteria2	126

<i>Zin I. M., Marderevych R. S., Bilyi L. M., Kornii S. A., and Duriagina Z. A.</i> The influence of surface chemical treatment of Д16Т aluminium alloy on the protective properties of alkyd coating.....2	132
<i>Sukhova O. V., Polonskyi V. A., and Ustinova K. V.</i> Corrosion resistance of Al–Cu–Fe–(Si, B) alloys in mineralized solutions of acidic and saline solutions.....2	138
<i>Savruk M. P., Onyshko L. Yo., and Kvasniuk O. I.</i> Stress distribution near rounded V-notches in an orthotropic elastic plane under antiplane strain3	7
<i>Stashchuk M. H. and Irza Ye. M.</i> Thermostressed state of rotation bodies made of functional-gradient materials3	16
<i>Serednytska Kh. I., Mykytyn M. M., and Martynyak R. M.</i> Contact fault of an elastic semi-space and a rigid base on the circular region under action of circular heat sink.....3	24
<i>Hachkevych O. R., Solodyak M. T., Terletsy R. F., and Ivasko R. O.</i> Volumetric magnetostatic waves in a metallized ferritic plate caused by electromagnetic field.....3	30
<i>Lu C., Melendez J., and Martínez-Esnaola J. M.</i> Fatigue parameter based on the assessment of the stress components on all material planes.....3	37
<i>Dzioba I. R. and Pala R.</i> The influence of local stresses and deformations at the crack tip on the mechanisms of Hardox-400 steel fracture3	44
<i>Wei Ming, Ivanytskyi Ya. L., Kun P. S., and Shyshkovskiy R. O.</i> Modelling of plasto-elastic deformation of a body based on energy balance and monitoring of deformations.....3	50
<i>Moltasov A. V.</i> Stress state in a butt welded joint considering a shift in inertia centers.....3	55
<i>Melnyk I. V.</i> Rigidity of monolithic iron-concrete plate constructions.....3	62
<i>Rybak T. I., Babii A. V., Bortnyk I. M., Tsion G. B., and Konovalenko S. I.</i> Estimation of resource of frame steel sections of barbell field sprinklers3	68
<i>Maruschak P. O., Kret N. V., Bishchak R. T., and Kurnat I. M.</i> The influence of texture and hydrogenation on mechanical properties and fracture behaviour of pipe steel.....3	75
<i>Iasnii V. P., Student O. Z., and Nykyforchyn H. M.</i> The influence of hydrogenation on fracture of nitinol alloy under tension.....3	80
<i>Chepil O. Ya. and Shtoyko I. P.</i> Distribution of hydrogen concentration in a compact specimen under electrolytic hydrogenation3	86
<i>Lenkovskiy T. M., Molkov Yu. V., Student M. M., Zadorozhna Kh. R., and Varyvoda Yu. Yu.</i> The influence of preliminary heating of A7075 aluminium alloy on strength of composite coating containing SiC3	90
<i>Mikosianchyk O. O., Mnatsakanov R. G., Lopata L. A., Marchuk V. Ye., and Yakobchuk O. Ye.</i> Wear resistance of 30XГСА steel in the conditions of rolling with slipping3	95
<i>Golubets V. M., Pashechko M. I., Borc J., and Barshch M.</i> Micromechanical characteristics of the surface layer of 45 steel after electric-spark treatment.....3	102
<i>Shepida M. V., Kuntiyi O. I., Dobrovetska O. Ya., Korniy S. A., and Eliashevskiy Yu. I.</i> Deposition of gold nanoparticles on silicon under pulse mode of electrolysis in DMSO solution3	109
<i>Kaplun P. V., Gonchar V. A., and Donchenko T. V.</i> Contact endurance of steels after ion nitriding in hydrogen-free media.....3	115
<i>Fedirko V. M., Kukhar I. S., Pohreliuk I. M., and Melnyk Kh. R.</i> The influence of lead melt on embrittlement of ferritic and austenitic chromium steels.....3	121
<i>Dudda W.</i> The influence of higher temperatures on mechanical characteristics of 26H2MF and St12T steels3	125
<i>Filonenko N. Yu., Babachenko O. I., and Kononenko G. A.</i> The effect of overheating and cooling rate on the structure and properties of Fe–B alloys.....3	130

<i>Burya O. I. and Naberezhna O. O.</i> Development of self-reinforced phenylone-based organoplastic materials	3	136
<i>Tymoshuk O. S., Fedyshyn O. S., Oleksiv L. V., Rydchuk P. V., and Patsai I. O.</i> A new method of control of the palladium content in intermetallic alloys	3	143
<i>Kozak L. Yu.</i> A new discrete model of solids plastic deformation	4	7
<i>Onyshko O. Ye., Hachkevych O. R., and Onyshko L. Yo.</i> Modeling of the stress and phase state of the titanium nickelide plate under thermo-mechanical loading	4	15
<i>Revenko V. P.</i> Bending of axisymmetric loaded thick plates	4	22
<i>Shatsky I. P., Makoviichuk M. V., and Shcherbii A. B.</i> The influence of flexible coating on limiting equilibrium of a shallow spherical shell with a meridional crack.....	4	27
<i>Datsyshyn O. P., Lenkovskiy T. M., and Glazov A. Yu.</i> A specimen for fatigue thresholds determination under cyclic transverse shear	4	34
<i>Yasniy P. V., Mykhailyshyn M. S., Pyndus Yu. I., and Hud M. I.</i> Calculation of natural oscillations of aluminium alloy cylindrical shells	4	42
<i>Ganulich B. K. and Tymoshchok V. M., and Golian O. M.</i> Assessing the power loss under quasi-brittle fracture based on X-ray investigation of the new surface	4	47
<i>Niestony A. and Böhm M.</i> Fatigue life of S355JR steel under uniaxial constant amplitude and random loading conditions	4	51
<i>Pokhmurskii V. I., Zin I. M., Tymus M. B., Kornii S. A., Karpenko O. V., Khlopyk O. P., and Koretska N. I.</i> Corrosion inhibition of carbon steel by xantane biopolymer.....	4	57
<i>Fedirko V. M., Voyevodin V. M., Velykodnyi O. M., Tykhonoskyi M. A., Kukhar I. S., and Melnyk Kh. R.</i> The influence of dispersion hardening by nanooxides on corrosion resistance of high-energy Cr–Fe–Mn–Ni alloys in lead melts	4	63
<i>Manilevich F. D., Pirskyy Yu. K., Daniltsev B. I., Kutsyi A. V., and Yartys V. A.</i> Studies of hydrolysis of aluminum activated by additions of Ga–In–Sn eutectic alloy, bismuth or antimony	4	69
<i>Ostash O. P., Labur T. M., Holovatiuk Yu. V., Vira V. V., Koval V. A., Shynkarenko V. S., and Yavorska M. R.</i> Structural strength of welded joints of thermo-hardened Al–Cu–Mg alloy	4	81
<i>Levytskyi V. Ye., Masiuk A. S., Bilyi L. M., Bialopiotrowicz T., Humenetskyi T. V., and Shybanova A. M.</i> The influence of silicate nucleation agent modified with polyvinylpiralidone on the morphology and properties of polypropylene	4	88
<i>Pohreliuk I. M., Proskurniak R. V., Tkachuk O. V., and Obukh Yu. V.</i> Formation of hydroxyapatite coatings on titanium by plasma-electrolytic oxidation in alkaline electrolyte	4	95
<i>Rudenky S. G., Timofeeva E. V., Kunchenko A. V., Korneev A. A., Bortnytska M. O., Kunchenko V. V., Kunchenko Yu. V., and Ryzhova T. P.</i> Improvement of heat-resistance of the coating for gas-turbine engine blades	4	100
<i>Shevchenko O. M., Kulak L. D., Kuzmenko M. M., and Firstov S. O.</i> Silicides formation and their influence on the structure and properties in as-cast Ti–18Nb–xSi alloys for biomedical applications	4	107
<i>Trush V. S., Lukianenko O. H., and Stoiev P. I.</i> The influence of surface layer modeling with penetration additives on long-term strength of Zr–1% Nb alloy	4	114
<i>Kyryliv B. I., Chaikovskiy B. P., Hvozdetzkyi V. M., Kuzminskiy R. D., Maksymiv O. V., and Shalko A. V.</i> The influence of thermal treatment on abrasive wear resistance of 65Γ steel seeding-machine furrow-openers disks	4	119

<i>Dzioba I. R. and Pala T.</i> The influence of welding energy on strength of high-strength S960QC steel joints	4	125
<i>Kashuba A. I., Petrus R. Yu., Andriyevskiy B. V., Soloviov M. V., Semkiv I. V., Malyi T. S., Chylli M. O. Stakhura V. B., Shchepanskyi P. A., and Franiv A. V.</i> Temperature dependence of electrophysical properties of A_4BX_6 crystals	4	130
<i>Yefanov V. S., Klochikhin V. V., Skrebtsov A. A., Petryk I. A., and Pedash O. O.</i> The influence of cathode production technology on the quality of condensation heat-resistant coatings	4	136
<i>Khoma M. S., Vynar V. A., Chorny O. V., Maksishko Yu. Ya., Ivashkiv V. R., and Ratska N. B.</i> A new type of corrosion-active nonmetallic inclusions and their influence on 38XH3MΦA steel corrosion	5	7
<i>Nyrkova L. I., Osadchuk S. A., Rybakov A. A., and Melnychuk S. L.</i> Methodological approach and criterion of the estimation of pipe steel susceptibility to stress corrosion cracking	5	14
<i>Zin I. M., Pokhmurskii V. I., Khlopyk O. P., Karpenko O. V., Pokynbroda T. Ya., Korniy S. A., and Tymus M. B.</i> Corrosion inhibition of aluminum alloy in aqueous ethylene glycol solution by ramnolipid biocomplex	5	21
<i>Slobodian Z. V., Mahlatiuk L. A., Kupovych R. B., Koretska N. I., and Zin Ya. I.</i> The influence of trehalose lipid culture fluid supernatant on steel 20 and aluminium corrosion in chloride solutions	5	27
<i>Ostash O. P., Podhurska V. Ya., Vasylyv B. D., Kulak L. D., Kuzmenko M. M., and Fisk A. E.</i> Strength and corrosion-fatigue crack growth resistance of Ti–Nb–Zr–Si alloys of biomedical application	5	34
<i>Uschapovskiy D. Yu., Byk M. V., Linyucheva O. V., Frolenkova S. V., Redko R. M., and Yakubenko V. V.</i> Corrosion resistance of bright nickel coatings in acetic acid vapor	5	42
<i>Smirnov A. A., Shepil T. E., Kozin V. Yu., Bjezhenko A. A., Rutkovska K. S., and Pilipenko A. I.</i> Corrosion resistance of structural materials in tungstate solutions	5	49
<i>Lobach K. V., Sayenko S. Yu., Shkuropatenko V. A., Voyevodin V. M., Zykova A. V., Zuyok V. A., Bykov A. A., Tovazhnyanskyy L. L., and Chunyayev O. M.</i> Corrosion stability of SiC-based ceramics in hydrothermal conditions	5	56
<i>Kryzhanivskiy Ye. I., Polutrenko M. S., Maruschak P. O., and Zakiyev I. M.</i> Biocorrosion and localization of degradation processes on main gas pipeline steel surface	5	66
<i>Karakurkchi H. V., Sakhnenko M. D., Ved M. V., Zyubanova S. I., and Stepanova I. I.</i> Corrosion and physicomechanical properties of coatings on AK12M2MgN alloy, formed by plasma-electrolytic oxidizing	5	74
<i>Boichyshyn L. M., Hertsyk O. M., Lopachak M. M., Kovbuz M. O., Hula T. H., and Pandiak N. L.</i> Electrochemical features of triple amorphous alloys based on iron and cobalt in alkaline solutions	5	84
<i>Kuskov Yu. M., Zhdanov V. A., Riabtsev I. O., Student M. M., and Veselivska H. H.</i> Ways of improvement of corrosion resistance of coating deposited under flux with high-chromium cored wire	5	90
<i>Mertsalo I. P., Mazur A. S., Kuntiy O. I., and Zozulya G. I.</i> Electrochemical obtaining of argentum polyacrylate solution as a precursor for preparation of silver nanoparticles	5	96
<i>Chaikovskiy B. P., Kyryliv V. I., Dutka V. R., Tsih B. R., Maksymiv O. V., Mykychak B. M., and Sydor P. Ya.</i> The influence of temperature and loading frequency on contact fatigue of 20XH3A and IIX15 steels under aggressive media effect	5	103
<i>Ivaskevych L. M.</i> The influence of alloying with cobalt and hafnium on hydrogen resistance of refractory nickel alloy	5	109

<i>Lukyanenko O. H., Pohreliuk I. M., Kravchyshyn T. M., and Trush V. S.</i> The influence of initial structure on BT22 titanium alloy nitriding	5	115
<i>Malyshev V. V., Shakhnin D. B., Gab A. I., Kublanovsky V. S., and Schuster J.</i> Synthesis of chromium silicides in ionic melts.....	5	122
<i>Suberlyak O. V., Baran N. M., Melnyk Yu. Ya., Grytsenko O. M., and Yaculchak G. V.</i> The influence of polyvinylpyrrolidone molecular weight on the physicochemical properties of composite polyamide hydrogel membranes.....	5	133
<i>Kozachok O. P.</i> Contact of an elastic body and a rigid base with pits, partially filled by nonwetting liquid	5	140
<i>Yasnii V. P., Nykyforchyn H. M., Student O. Z., and Svirska L. M.</i> Fractographic peculiarities of fatigue fracture of nitinol alloy	5	148
<i>Pluinage G.</i> On an analysis of failure emanating from a notch.....	6	7
<i>Kravets V. S.</i> Stress state of a plane with periodic system of closely located curvilinear holes with edge cracks.....	6	17
<i>Sylovaniuk V. P. and Ivantyshyn N. A.</i> Cracks hilling in anisotropic bodies.....	6	26
<i>Knysh V. V., Solovei S. O., Nyrkova L. I., and Osadchuk S. O.</i> The influence of marine environment on fatigue life of butt welded joints of 15XCHД steel, strengthened by high-frequency mechanical impact.....	6	32
<i>Kryzhanivskiy Ye. I., Nykyforchyn H. M., Student O. Z., Krechkovska H. V., and Chudyk I. I.</i> The role of non-metal inclusions in premature corrosion- mechanical failure of drill pipes	6	41
<i>Bilousova N. A., Gerasimenko Yu. S., Redko R. M., Vasyliiev G. S., and Vorobyova V. I.</i> Inhibitor protection of steel against corrosion and scaling under the ultrasound influence.....	6	49
<i>Demchenko V. L.</i> Formation of silver-containing polymer composites by reduction of Ag ⁺ ions in polyelectrolyte-metallic complexes under electric field action	6	57
<i>Gladkii Ya. M., Bys S. S., and Milko V. V.</i> Hydrogen-diffusion mechanical treatment of structural materials	6	62
<i>Pryadko T. V., Dekhtyarenko V. A., Khranovska K. M., and Mogylnyy G. S.</i> The influence of manganese on structure and hydrogen-sorption properties of eutectic Ti _{47.5} Zr ₃₀ Mn _{22.5} alloy	6	70
<i>Kostin V. A., Grigorenko G. M., Poznjakov V. D., and Zuber T. A.</i> Structure transformation of the heat effected zone metal of welded joints of high-strength armor steels	6	78
<i>Manko O. V. and Stetsko A. Ye.</i> Kinetics of diffusion chromium plating of steels with Ni–Co–P coatings	6	84
<i>Glotka A. A. and Haiduk S. V.</i> Prediction of thermodynamic processes of phase separation in single-crystal nickel-based superalloys.....	6	91
<i>Skoblo T. S., Sidashenko A. I., Romaniuk S. P., Honcharenko O. O., Omelchenko L. V., and Bantkovskiy V. A.</i> Peculiarities of structure formation during modification of coatings for tools made of dispersion-strengthened steels	6	96
<i>Stechyshyn M. S., Skyba M. Ye., Stechyshyna N. M., Martynyuk A. V., and Mardarevych R. S.</i> Physicochemical properties of surface layers of 40X steel after hydrogen-free nitration in glow discharge	6	104
<i>Haidachuk O. V., Wang Bo, Bychkov S. A., and Andreiev A. V.</i> The development of an integrated criterion for the rational selection of polymeric composite materials	6	110
<i>Pavlenko D. V., Bielokon Yu .O., and Tkach D. V.</i> Rource-saving technology of the semifinished intermetallic γ-TiAl alloys production for aviation engineering.....	6	118

<i>Balitskii O. I., Kolesnikov V. O., and Havryliuk M. P.</i> The influence of modification of 38XH3MΦA steel on structural and phase state and cutting products under the change of technological conditions.....6	125
<i>Danyliak M.-O. M. and Boichyshyn L. M.</i> Temperature stability of the Fe ₈₂ Nb ₂ B ₁₄ RE ₂ amorphous alloys.....6	131
<i>Oliinyk Z. M., Korolyshyn A. V., and Mudry S. I.</i> Short range ordering structure of Cu ₂ In intermetallide in the precrystallization temperature range6	139
IN SCIENTIFIC CIRCLES	
<i>Kuryliak D. B.</i> Problems of technical diagnostics and remote sensing1	130
<i>Lukyanenko O. H.</i> Problems of materials science and surface engineering of metals1	132
<i>Ratska N. B.</i> Corrosion. Corrosion protection of metals1	134
<i>Frankevych L. F.</i> Defence of thesis.....1	137
<i>Hredil M. I.</i> The Sixth international conference “Fracture Mechanics and Structural Integrity” (FMSI 2019)1	143
<i>Hredil M.</i> International Conference of Fracture Mechanics and Structural Integrity (FMSI 2019)4	142
<i>Shtoiko I. P.</i> The VI Summer School on Fracture Mechanics of the European Structural Integrity Society.....5	154
List of papers published in “Physicochemical Mechanics of Materials” in 2019... 6	145
Authors’ index6	152