

CONTENTS

<i>Amreev M., Safin R., Yakubov V., Pavlova T.</i> Choosing a compression standard for transmitting a television image.....	5
<i>Ashirbayev N. K., Ashirbayeva Zh.N., Shomanbayeva M.T., Bekmoldayeva R.B., Sultanbek T.S., Altynbekov Sh.E.</i> Wave processes in a flat body with a symmetric located rectangular cutout.....	10
<i>Boshkayev K., Malybayev A., Quevedo H., Nurbakyt G., Taukenova A., Urazalina A.</i> The correspondence of the Erez-Rosen solution with the Hartle-Thorne solution in the limiting case of $\sim Q$ and $\sim M^2$	19
<i>Kalimoldayev M.N., Nurtazin A.T., Khisamiyev Z.G.</i> Two properties of existentially closed companions of strongly minimal structures	28
<i>Nurtas Marat, Baishemirov Zharasbek, Tastanov Madi, Zhanabekov Zhandos, Tsay Victor.</i> Classification of seismic phases based on machine learning.....	33
<i>Tlemissov A., Tlemissova Zh., Boshkayev K., Urazalina A., Quevedo H.</i> Analysis of the equations of state for neutron stars.....	43
<i>Aldongar T.B., Malikova F.U., Issayeva G.B., Absatarova B.R., Ibraev M.S.</i> Development of a method for designing information systems for energy companies.....	53
<i>Jakupov K.B.</i> Falsifications of Poisson adiabate, Hugonio adiabate, Laplace sound speeds. Modernization of foundations of thermodynamics.....	58
<i>Rakhimova D., Turganbayeva A.</i> Semantic analysis of the kazakh language based on the approach of neural networks	68
<i>Abdrakhmanov A.E., Turdiyeva G.T.</i> Safe thresholds for the parameters of cryptographic algorithms and standard st RK 1073-2007.....	76
<i>Kalimoldayev M., Jenaliyev M., Abdildayeva A., Zhukabayeva T., Akhmetzhanov M.</i> Optimal control of power systems.....	86
<i>Chuchvaga N.A., Semenov A.V., Titov A.S., Tokmoldin N.S., Tokmoldin S.Zh., Terukov E.I.</i> Investigation of passivation of surface states of single crystalline silicon in heterostructures with an integrated thin amorphous layer.....	95
<i>Zhautykov B.O., Pokrovsky N.S., Samoilov V.V.</i> On the search for hadron modes of hidden charm mesons decay	102
<i>Myrzakul S.R., Myrzakulov Y.M., Arzimbetova M.</i> Inflation in $F(R,T)$ gravitation with f -essence.....	106
<i>Pokrovskiy N.S.</i> To the question of the existence of centaurs - events in cosmic rays.....	113