

<i>Sychugov D.Yu., Ryzhakov D.V., Andreev V.F., Gorbunov A.V., Kirneva N.A., Kislov D.A., Notkin G.E., Sushkov A.V., Tarasyan K.N., Shelukhin D.A., Khairutdinov E.N.</i> Modeling of stable equilibrium magnetic configurations for the first experiments on the tokamak T-15MD installation	5
<i>Savrukhin P.V., Shestakov E.A., Tepikin V.I.</i> Generation of the resonant magnetic fields in the T-15MD tokamaks	17
<i>Sarancha G.A., Drozd A.S., Kudashev M.S., Sergeev D.S.</i> Fiber-optics current sensor concept for the T-15MD tokamak	25
<i>Kurskiev G.S., Sdvizhenskii P.A., Zhiltsov N.S., Tkachenko E.E., Teplova N.V., Troshin G.A., Kryzhanovskiy A.K., Kukushkin A.B., Sokolov A.V., Voloshinov V.V.</i> Statistical analysis of similarity of plasma parameters profiles at quasi-stationary stage of discharges in Globus-M2 tokamak	36
<i>Korenev P.S., Konkov A.E., Chektybayev B.Zh., Kotov S.V., Zarva D.B.</i> Estimation of plasma vertical position controllability region in KTM tokamak with the HFC coil	49
<i>Nagel N.N., Lisitsa V.S., Shurygin V.A.</i> Analysis of unsteady charge state kinetics of helium in the startup phase of plasma discharge in LHD	60
<i>Rulev R.V., Mazul I.V., Piskarev P.Yu., Kuznetsov V.E., Levichev V.V., Kolesnik M.S., Ruzanov V.V., Tanchuk V.N.</i> Heat flux tests of the divertor vertical target when simulating separatrix sweeping	68
<i>Borovitskaya I.V., Pimenov V.N., Korshunov S.N., Mansurova A.N., Maslyayev S.A., Demin A.S., Morozov E.V., Epifanov N.A., Mikhailova A.B., Latyshev S.V., Bondarenko G.G., Gaidar A.I., Matveev E.V., Monakhov I.S.</i> Damage of the tungsten surface layer under irradiation by stationary ion and pulse beam-plasma flows of helium	79
<i>Guryev V.V., Kulikov I.V., Shavkin S.V.</i> Critical current anisotropy of practical superconductors: analysis methods and application cases	93
<i>Gott Yu.V.</i> TOREQ — a code for solving the Grad—Shafranov equation in plasma with a fixed boundary	108
<i>Khusnutdinov R.I., Efimov N.E., Nikitin I.A., Gasparyan Yu.M., Kukushkin A.B.</i> Modelling of sputtering rate of the tokamak first wall by hydrogen isotopes atoms in the near-wall plasma	117
<i>Minashin P.V., Filipenko D.R., Kukushkin A.B.</i> Modeling of electron cyclotron absorption of injected radiation in plasma at the initial stage of discharge in tokamaks	129