

Volume 88, Issue 2 supplement December 2025

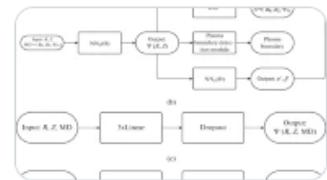
PLESADES GROUP OF COMPANIES
Distributed by **SPRINGER NATURE**

14 articles in this issue

Machine Learning Applied to Problems of Nuclear Fusion

E. I. Chetkin & A. G. Shishkin

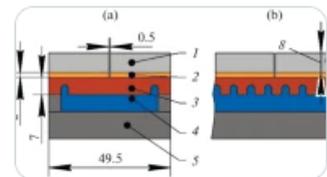
REVIEWS | 13 February 2026 | Pages: S121 – S130



Determination of Maximum Permissible Defects during Brazing of Tungsten–Copper Armor Tiles for ITER Divertor Dome Plasma Facing Units

A. A. Rybikov, N. A. Kuznetsov ... N. I. Arkhipov

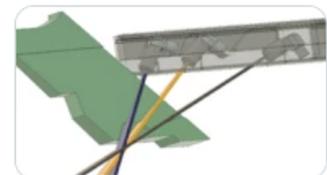
ITER | 13 February 2026 | Pages: S131 – S142



Tests of Fission Chambers Upgraded to Register Thermonuclear Neutrons

D. S. Fridrikhsen, G. E. Nemtsev ... S. B. Stepanov

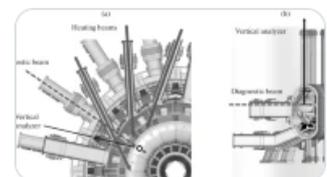
ITER | 13 February 2026 | Pages: S143 – S148



Possibilities of Neutral Particle Diagnostics for Deuterium–Hydrogen Plasma Research at the TRT Facility

M. I. Mironov, V. I. Afanasyev ... R. Yu. Shmitov

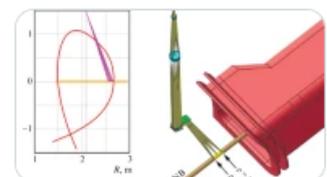
TRT | 13 February 2026 | Pages: S149 – S154



Concept of a Vertical Observation System for CXRS Diagnostics at the TRT Tokamak

G. S. Pavlova, S. N. Tugarinov ... V. V. Serov

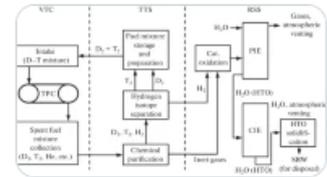
TRT | 13 February 2026 | Pages: S155 – S162



Tritium Handling in the Tokamak with Reactor Technologies

V. N. Kondrashov, N. B. Rodionov ... D. A. Karpov

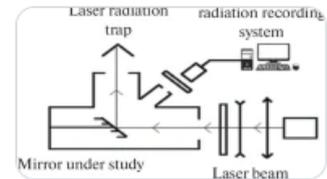
TRT | 13 February 2026 | Pages: S163 – S172



Molybdenum Laser Mirrors for Diagnostic Systems of TRT Tokamak

A. G. Razdobarin, D. I. Elets ... S. Yu. Tolstyakov

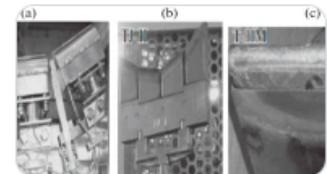
TRT | 13 February 2026 | Pages: S173 – S177



Lifetime Testing of the Vertical Lithium Limiter with External Lithium Supply on T-11M Tokamak

Ya. A. Vasina, V. B. Lazarev ... A. S. Prishvitsyn

T-11M | 13 February 2026 | Pages: S178 – S185



Diagnostics of Long-Term Erosion and Deposition of the Material of the First Wall in the KTM Tokamak: Testing and First Results

S. A. Krat, B. Zh. Chektybayev ... V. V. Baklanov

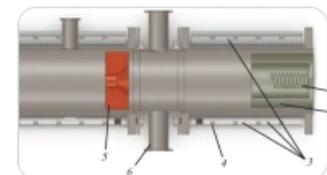
KTM | 13 February 2026 | Pages: S186 – S194



Dynamics of Liquid Metal Droplets during Injection into Plasma in the PLM Installation

S. D. Fedorovich, A. V. Dedov ... V. P. Budaev

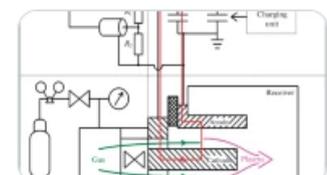
PLM | 13 February 2026 | Pages: S195 – S203



Control, Acquisition and Archiving System Architecture for the Operation of Quasi-stationary High-current Plasma Accelerator in Pulse-periodic Mode

A. A. Mamonov, K. M. Gutorov ... N. S. Klimov

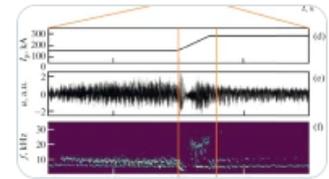
QSPA | 13 February 2026 | Pages: S204 – S214



Application of the Stockwell Transform for Analysis of Experimental Data of the Tokamak MHD Diagnostics

N. V. Ivanov & A. M. Kakurin

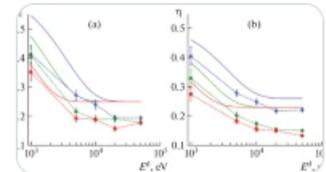
DIAGNOSTICS | 13 February 2026 | Pages: S215 – S224



Modeling of Aging of Collision Cascades in BCC Fe and V Using Object Kinetic Monte Carlo Method

D. N. Demidov & A. B. Sivak

PLASMA—WALL AND MATERIALS FOR CTF | 13 February 2026 | Pages: S225 – S235



Deuterium Removal from EK-181 Steel by Plasma Irradiation

T. A. Shishkova, A. V. Golubeva ... M. B. Rozenkevich

PLASMA—WALL AND MATERIALS FOR CTF | 13 February 2026 | Pages: S236 – S243

