The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research Vol. 99, No. 12, December 2023
Commentry
Erosion Mechanism of Tungsten-Based Electrode in Welding Arc Plasma
$\sim$ Recent Progress based on Visualization of Metal Vapor~ TANAKA Keigo ..... 497
Special Topic Articles
Recent Progress of Magnetized Laser Plasma Interactions

1. Introduction HATA Masayasu ..... 505
2. Recent Progress of Strong Magnetic Field Generation and its Modeling using High-Intensity Lasers MORITA Hiroki ..... 506
3. Generation of Megatesla Magnetic Fields by Microtube Implosion and its Applications MURAKAMI Masakatsu ..... 512
4. Propagation of Laser-Driven Whistler Waves into High-Dense Plasma - HATA Masayasu ..... 518
5. Novel Mechanism of Plasma Heating using Laser-Driven Whistler Waves SANO Takayoshi ..... 523
Information ..... 528
Announcement ..... 538
Vol. 99 Contents ..... 543
[^0]
[^0]:    Cover
    Quasi-periodic structures in drift wave frequency regime were observed by applying vector tomography in a linear magnetized plasma . The measurements were obtained from synchronization of laser-induced fluorescence and Langmuir probe. Figures (a) and (b) display sinograms representing the line-integrated plasma density and velocity (multiplied by the density). Reconstructed two-dimensional density and velocity fields are shown in figures (c) and (d). Figure (e) presents the azimuthally averaged density, while figure (f) illustrates azimuthally averaged velocity.
    (Hiroyuki ARAKAWA et al., Plasma and Fusion Research, Vol. 18, 1201086 (2023) http://www.jspf.or.jp/)

