JOURNAL OF PLASMA AND FUSION RESEARCH

The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research Vol. 100, No. 5, May 2024

Commentary	
Status and Prospects on Development of Integrated Detached Plasma	
Transport Code for Linear Devices TANAKA Hirohiko	209
Lecture Note	
Social Infrastructure Protection and Damage Prediction Based on Space Weather Research	
4. Aircrew Exposure	218
5. Impact on Radio Communications and Satellite-Based Positioning	
SAITO Susumu and TSUGAWA Takuya	224
Contributed Papers	
Willingness to Pay Taxes for Fusion Research and Development in Japan	
······································	231
Information	238
Announcement ·····	242

Cover

Using a reduced two-fluid model, the resistive ballooning mode turbulence is simulated. Figures show the time evolution of the pressure fluctuation in a poloidal cross-section: (i) the linear growth of the ballooning mode, (ii) the transition to a turbulent state, and (iii)-(iv) the secondary radial spreading of the turbulence. If the shear of the edge poloidal flow is sufficiently strong, such radial spreading of the turbulence is suppressed.

(Ayumi TAKANO et al., Plasma and Fusion Research, Vol. 19, 1403016 (2024) http://www.jspf.or.jp/)

Published Monthly by The Japan Society of Plasma Science and Nuclear Fusion Research 3-1-1 Uchiyama, Chikusa-ku, Nagoya 464-0075, Japan Tel (052)735-3185, Fax (052)735-3485, E-mail: plasma@jspf.or.jp, URL: https://www.jspf.or.jp/