

JOURNAL OF PLASMA AND FUSION RESEARCH

The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research

Vol. 99, No. 3, March 2023

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We have investigated a feasibility of a probe for measuring pitch angles of fast electrons which reach a plasma-facing wall to understand characteristics of fast electrons generated by a lower-hybrid wave. We carried out numerical calculations in which fast electrons with various initial conditions were traced from the entrance orifice to investigate the resolution for the pitch angle of detected electrons. The results suggest the resolution is about 4 degrees. Now, we are manufacturing the probe.

(Kouji SHINOHARA *et al.*, Plasma and Fusion Research, Vol. 18, 2402006 (2023) <http://www.jspf.or.jp/>)



Published Monthly by

The Japan Society of Plasma Science and Nuclear Fusion Research

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