

JOURNAL OF PLASMA AND FUSION RESEARCH

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

Vol. 94, No.4, April 2018

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Figure shows a mechanism of the thrust generation of a magnetic thrust chamber. A fusion plasma is generated by inertial confinement fusion in an external magnetic field applied by an electromagnetic coil [Fig. (a)]. A diamagnetic cavity is formed in the plasma and the plasma compresses the magnetic field outside [Fig. (b)]. Finally, the compressed magnetic field pushes back the plasma by Lorentz force and the rocket is accelerated by the reaction force [Fig. (c)]. (Yutaro ITADANI *et al.*, Plasma and Fusion Research, Vol.13, 1306016 (2018) <http://www.jspf.or.jp/>)