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Visualization of Relativistic Coulomb Field by Electro-Optic Sampling

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Cover

Results of the velocity field estimation method (e-RoMA) applied to the fluctuation patterns of PANTA plasma observed with tomography. Figures (a) and (b) show the time evolution of estimated local radial and azimuthal velocities. (c) Radial distribution and two-dimensional image of the time-averaged radial velocity. (d) Radial distribution of the time-averaged azimuthal velocity and the two-dimensional image of its spatially asymmetric component. The presence of azimuthal asymmetry in the velocity field is suggested. (Daiki NISHIMURA *et al.*, Plasma and Fusion Research, Vol. 19, 1201005 (2024) <http://www.jspf.or.jp/>)