P2. 1105

## Introduction of kinetic effects to 1-D SOL/divertor plasma fluid simulation by collaborating a particle model

M. Obiki<sup>1</sup>, K. Ibano<sup>1</sup>, Y. Ueda<sup>1</sup>,T. Takizuka<sup>1</sup>

<sup>1</sup> Graduate School of Engineering, Osaka University, Suita, Japan



A.V Chankin, D.P. Coster Journal of Nuclear Materials 390-391 (2009) 319-324
A. Tanaka, Contrib. Plasma Phys. 58, (2018) 451

[2] N. Asakura, J Nucl. Mater. 363-365 (2007) 41-51
[4] T. Takizuka, Plasma Phys. Control. Fusion 59 (2017) 034008