<u>Characterization of KOI-94 system with photometric light curves and</u> <u>transit timing variation analysis: implication for the planet-planet eclipse</u>

Kento Masuda,¹ Teruyuki Hirano,² Atsushi Taruya,^{1,3} Makiko Nagasawa,² & Yasushi Suto^{1,3,4}

¹ Department of Physics, The University of Tokyo ² Department of Earth and Planetary Sciences, Tokyo Institute of Technology ³ Research center for the Early Universe, Graduate School of Science, The University of Tokyo ⁴ Department of Astrophysical Sciences, Princeton University

