Numeration systems arising from Denjoy dynamical systems

Masamichi YOSHIDA
Osaka City University

Abstract

In this talk, we consider a numeration system arising from a Denjoy dynamical system with double orbit number $d$ ($d = 1, 2$). In the case $d = 1$, our numaration system is so-called dual Ostrowski numeration system. In the case $d = 2$, it is new. So the main part of this talk is the case $d = 2$. 