

YOSHITSUGU TAKEI

Doshisha University, JAPAN

Email: ytakei@mail.doshisha.ac.jp

On the exact WKB analysis for difference equations

In this talk we consider the exact WKB analysis for difference equations. Taking some concrete examples which arise from (confluent) hypergeometric equations, we study their WKB-type formal solutions, Stokes curves and connection formulas. If time permits, we also discuss some problems related to difference equations.