

Waiting Tables were introduced by Drápal and Hojsík in 2006 to study weak states of the stream cipher RC4. This thesis revisits Waiting Tables and some of their most important properties. An equivalent model from graph theory, called Waiting Paths, is established in this work and the equivalence of the two models is proved. Afterwards, Waiting Matrices are defined and used for the analysis of a subclass of Waiting Paths.