

GRADUATE SEMINAR

C. Tyler Wood

E-Semigroups and Product Systems II

PhD Student supervised by Remus Floricel

August 19, 2019

2:00 PM

Math Lounge (CW307.20)

Abstract: To date, the most effective strategy for describing certain semigroups of $*$ -endomorphisms of von Neumann algebras has been the use of W. Arveson's product systems. In this talk, we present characterizations of some E_0 -semigroups of $\mathcal{B}(H)$ (the bounded linear operators on a separable Hilbert space) via essential states of Arveson's spectral C^* -algebra corresponding to a given product system.

University
of Regina

