

1120-47-232

Allan P. Donsig, Adam H. Fuller* (fuller.ah@gmail.com) and **David R. Pitts.** *von Neumann Algebras and inverse semigroups (part II).*

In recent work with Allan Donsig and David Pitts, we associate Cartan masas in von Neumann algebras to extensions of inverse semigroups. In this talk we will discuss how this discussion allows us to classify (Bures-closed) bimodules of the Cartan masa. These bimodule include sub-von Neumann algebras and maximal triangular algebras which contain the Cartan masa. (Received February 22, 2016)