

Linearized instability for neutral functional differential equations with state–dependent delays

Jaqueline G. Mesquita¹, Bernhard Lani-Wayda², Hans-Otto Walther³

¹ Universidade de Brasília, Brasília, Brazil

² Justus-Liebig Universität, Giessen, Germany

³ Justus-Liebig Universität, Giessen, Germany

In this talk, the goal is to introduce a class of equations called *neutral functional differential equations with state–dependent delays* as well as to discuss about linearized instability results for these equations.