



## Analysis Seminar

**Title:** Structural properties of the differential equation of second order for the cross product of Bessel functions

**Speaker:** Herman Render

**Date:** Tue 13th October 2020 at 10:00AM

**Location:** Online

**Abstract:** In this talk we discuss the differential equation of second order for the cross product of scaled Bessel functions. The coefficients of the differential equation can be described in terms of the Nicholson integral. In the case of half-integers the coefficients of the differential equation are rational functions and explicit formulae are provided.

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