Analysis Seminar

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

Speaker: Hermann 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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