



Institut für Analysis Dynamik und Modellierung
Lehrstuhl für Analysis und Mathematische Physik
Pfaffenwaldring 57
70569 Stuttgart
Tel.: 0711 / 685-65534
Fax.: 0711 / 685-65594

Einladung zum Institutskolloquium

Prof. Hynek Kovařík
Università degli studi di Brescia, Italien

spricht über

Resolvent expansions for Pauli and Dirac operators in dimension two.

Abstract: I will consider two-dimensional Pauli and Dirac operators with a polynomially vanishing magnetic field. The main result provides resolvent expansions, including all the singular terms, of these operators in the vicinity of their thresholds. In particular it will be shown that the nature of these expansions is fully determined by the flux of the magnetic field. If time permits, I will discuss some applications.

Mittwoch, 04. Mai 2022, 14:00 Uhr

Webex-Link: <https://unistuttgart.webex.com/unistuttgart/j.php?MTID=m03394735e6cbb94a2f13bc6eb5e2234c>

Interessenten sind herzlich eingeladen!