

The confluent hypergeometric function and WKB solutions

07.07**Toshinori Takahashi***(Kindai University, Japan)***Time:** Monday 22.07., 16:30 - 17:00, Room HS 5

Abstract: In this talk, we consider the relation between the confluent hypergeometric function and the Borel resummed WKB solutions. We show that the relations and the Voros coefficients and their Borel sums can be obtained by applying the operation of confluent to those in the case of the hypergeometric equation. We also talk about further confluence.