

On the direct problem in differential Galois theory

Tuesday, May 30, 2017 2:45 PM (45 minutes)

I will describe an algorithm that produces a system of generators of the Lie algebra of an absolutely irreducible linear differential equation over the field rational functions with complex coefficients.

This is a joint work with M. Barkatou, T. Cuzeau et J.-A. Weil.

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