ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to the Doctoral Seminar

Irena Swanson
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"Solving algebraic equations"

I.2.01 Wednesday, 28 November 2018 10:00 a.m.

Abstract
The list of algebraic tools for finding numerical, polynomial, rational or power series solutions includes the Euclidean algorithm, Galois theory, Hilbert's Nullstellensatz, linearization, Gröbner bases, as well as localization, primary decompositions, integral closures. In this talk I will give an overview of these methods with examples.

Roswitha Rissner and the Department of Mathematics look forward to seeing you at the talk!