

Graduiertenkolleg

Experimentelle und konstruktive Algebra



Kolloquiumsvortrag

Freitag, 15. Juli 2011, 14:00 Uhr, Hörsaal III

ANNETTE MAIER:

Difference equations with interesting Galois groups

Difference Galois Theory studies extensions of difference fields. There is the notion of a Galois group of a (linear) difference equation which turns out to be a matrix group. As in classical Galois theory, it is an interesting (and widely open) question which groups can occur as difference Galois groups.

For a certain class of difference fields, I will present techniques to realize groups such as SL_n , Sp_{2d} , G_2 as difference Galois groups.

Wir laden alle Interessierten herzlich ein.

Ab 13:15 Uhr gibt es Kaffee und Tee in der Bibliothek des Lehrstuhl D für Mathematik.