

INTRINSIC FACTORIZATION OF IDEALS IN DEDEKIND DOMAINS

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We present a generalization of a polynomial factorization algorithm that works with ideals in maximal orders of global function fields. The method presented in this paper is intrinsic in the sense that it does not depend on the embedding of the ring of polynomials into the Dedekind domain in question.

This is joint work with Przemysław Koprowski