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Knebusch's norm principle revisited

Given a field extension K/F of finite degree d , Knebusch's norm principle for a quadratic form q over F says that the norm of the set of non-zero values of the extended quadratic form q_K is a product of at most d nonzero values of q . We discuss this principle and some of its consequences in a setting, where the field F is replaced by a semilocal ring and the field K by a finite étale extension. The talk is based on joint work with Philippe Gille (Lyon).