

Chinburg invariants and generalized quaternion group

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Abstract. In this talk we shall present new results regarding the second Chinburg conjecture for some families of generalized Quaternion groups. The conjecture is known to hold in the absolute case for all tamely ramified extensions and for most abelian extensions, by work of Taylor and Greither. For extensions which are wild and nonabelian, the result is known for quaternion groups of order 8 (H.-Snaith-Tran), but little is known for more general cases.

This is joint work with Steve Wilson.

