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On the Northcott property for zeta functions over function fields and number fields

The Northcott property implies that a set of algebraic numbers with bounded height and bounded degree must be finite. Pazuki and Pengo introduced a variant of the Northcott property for number fields using special values of the Dedekind zeta function to measure the height. We consider this question for global function fields with constant field \mathbb{F}_q , evaluating the zeta function at any complex number. We also reconsider the question for Dedekind zeta functions with arbitrary evaluations. This is joint work with Xavier G en ereux and Wanlin Li.