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Equidistribution of Polynomial Sequences in Function Fields

We prove a function field analog of Weyl's equidistribution theorem of polynomial sequences. Our result covers the case when the degree of the polynomial is greater than or equal to the characteristic of the field, which is a natural barrier when applying the Weyl differencing process to function fields. This is joint work with Thái Hoàng Lê and Trevor D. Wooley.