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Title: Factors of small degree of some difference polynomials f(x) - g(t) in F[t][x]**Author(s):** François Berrondo and Luis Gallardo

Let $s \in F[t] \setminus F$ be a nonconstant polynomial over a perfect field F of characteristic 2. There are no factors of degree 2 of the polynomial $T = x^m + g(x)^2 + s \in F[t][x]$ where m > 3 is an odd integer and $g(x) \in F[x] \setminus \{0\}$ is an additive polynomial of degree d < (m-1)/2 with g(0) = 0.

Address:

François Berrondo Mathematics, University of Brest 6, Avenue Le Gorgeu C.S. 93837, 29238 Brest Cedex 3 France

Address:

Luis Gallardo Mathematics, University of Brest 6, Avenue Le Gorgeu C.S. 93837, 29238 Brest Cedex 3 France E-mail: Luis.Gallardo@univ-brest.fr