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Almost perfect nonlinear power functions on $GF(2^n)$: the Welch case. (English) [Zbl 0957.94021](#)
IEEE Trans. Inf. Theory 45, No. 4, 1271-1275 (1999).

MSC:

[94A60](#) Cryptography
[11T71](#) Algebraic coding theory; cryptography (number-theoretic aspects)
[11T06](#) Polynomials over finite fields
[94A55](#) Shift register sequences and sequences over finite alphabets in information and communication theory

Cited in **2** Reviews
Cited in **75** Documents

Keywords:

crosscorrelation; maximality nonlinear mappings; Walsh transform; Welch conjecture; almost perfect nonlinear power functions; permutation polynomials

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