

**Zyablov, V. V.; Pinsker, M. S.**

**Complexity bounds of error correction for low-density Gallager codes.** (Russian)

Zbl 0358.94017

Probl. Peredachi Inf. 11, No. 1, 23-26 (1975).

Summary: It is shown that among the Gallager low-density binary codes there are codes with decoding for the correction of all errors up to multiplicity  $\alpha n$  and with decoding complexity of order  $n \log n$ , where  $n$  is the code length and  $\alpha$  is a positive number.

For a scan of this review see the [web version](#).

**MSC:**

**94B60** Other types of codes

**94B65** Bounds on codes

Cited in **2** Reviews  
Cited in **12** Documents

**Full Text:** [MNR](#)