

HÖLDER ESTIMATES FOR LINEAR SECOND-ORDER EQUATIONS: CORRIGENDUM

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The main theorem (Theorem 3.2) of the paper [1] is false. A counter-example to this theorem was found in [2]. The mistake is in the derivation of the important inequality (3.3). In going from (3.2) to (3.3), the components of the coefficient matrix a_{ij} were erroneously estimated by its eigenvalues, neglecting for instance the possibility of sign-changing coefficients.

References

1. C. G. Böhmer, Hölder estimates for linear second-order equations. *Mathematika* **57** (2011), published online 17 November 2010, doi:10.1112/S0025579310001634.
2. M. V. Safonov, Unimprovability of estimates of Hölder constants for solutions of linear elliptic equations with measurable coefficients. *Math. USSR Sb.* **60** (1988), 269–281.

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