
ERRATA

**Erratum to: Sharp Constant in Jackson's Inequality
with Modulus of Smoothness
for Uniform Approximations of Periodic Functions**

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Received February 14, 2018

DOI: 10.1134/S0001434618110421

The original article can be found online at <https://doi.org/10.1134/S0001434613050295>.

My paper contains an error. Namely, inequality (9) does not hold. For example, for $k = 2$,

$$\omega_2\left(f, \frac{\pi}{4n}\right) \geq \left| f\left(x_1 + \frac{h}{4} - \frac{\beta}{2}\right) - 2f\left(x_1 + \frac{h}{4}\right) + f\left(x_1 + \frac{h}{4} + \frac{\beta}{2}\right) \right| = \frac{3}{2}.$$

I do not know whether the error in the argument can be corrected and whether the main result of the paper is valid.

I wish to express gratitude to O. L. Vinogradov for pointing out the error.

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