

Report on the revision of the paper by Włodzimierz Lenski and Bogdan Szal entitled *Approximation of functions from $L^p(\omega)_\beta$ by general linear operators of their Fourier series*, submitted to the Banach Center Publications Volume of the Institute of Mathematics, Polish Academy of Sciences.

The claim on line 3₆ that $\delta^{-1}\omega(\delta)$ is nondecreasing is false. Simply take $\omega(t) = t^{1/2}$.

According to line 7⁸, the estimate

$$D_k(t) = k1/2$$

is only valid for $k = 2\pi r$. Therefore I question the validity of lines 7₂ and 8⁶.

On page 2 the authors should define a lower triangular matrix first. Then the definitions of lower triangular matrices that appear later in the paper can be more succinctly defined. For example, one can then delete line 2⁴, on line 2₅ delete "and $b_{nr} = 0$ when $r > n$ ".

2₉, 2₈ with lower should read with the lower
 3⁹ therefore instead should read therefore, instead
 3⁹ condition we should to take should read condi-
 tion, we shall take

3¹² Delete "the mentioned"

3₁₄ matrices summability should read matrix

3₅ Delete "an"

3₃ that for should read that, for

4¹¹, 4₁, 5¹², 6⁹, 6₁₀, 7⁸ Place a comma at the end of this line.

7¹⁰ Place a period at the end of this line.

7₆ Delete this line.

7₄ inequality should read inequality for

7₂

$$\left| \int_0^{\frac{\pi}{n+1}} \right|$$

should read

$$\left| \frac{1}{\pi} \int_0^{\frac{\pi}{n+1}} \right|.$$

8² $\omega\left(\frac{\pi}{r+1}\right)$ should read $\omega\left(\frac{\pi}{s+1}\right)$

8³ Delete this line.

The authors need to make the corrections indicated.