

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 3<sub>6</sub> that  $\delta^{-1}\omega(\delta)$  is nondecreasing is false. Simply take  $\omega(t) = t^{1/2}$ .

According to line 7<sup>8</sup>, the estimate

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

is only valid for  $k = 2\pi r$ . Therefore I question the validity of lines 7<sub>2</sub> and 8<sup>6</sup>.

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 2<sup>4</sup>, on line 2<sub>5</sub> delete "and  $b_{nr} = 0$  when  $r > n$ ".

2<sub>9</sub>, 2<sub>8</sub> with lower should read with the lower  
 3<sup>9</sup> therefore instead should read therefore, instead  
 3<sup>9</sup> condition we should to take should read condi-  
 tion, we shall take

3<sup>12</sup> Delete "the mentioned"

3<sub>14</sub> matrices summability should read matrix

3<sub>5</sub> Delete "an"

3<sub>3</sub> that for should read that, for

4<sup>11</sup>, 4<sub>1</sub>, 5<sup>12</sup>, 6<sup>9</sup>, 6<sub>10</sub>, 7<sup>8</sup> Place a comma at the end of this line.

7<sup>10</sup> Place a period at the end of this line.

7<sub>6</sub> Delete this line.

7<sub>4</sub> inequality should read inequality for

7<sub>2</sub>

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

should read

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

8<sup>2</sup>  $\omega\left(\frac{\pi}{r+1}\right)$  should read  $\omega\left(\frac{\pi}{s+1}\right)$

8<sup>3</sup> Delete this line.

The authors need to make the corrections indicated.