

CORRIGENDUM TO:

S.C. Arora, R. Kathuria, Slant Weighted Toeplitz Operator,
Int. J. Pure and Appl. Math., 62, No. 4 (2010), 433-442

S.C. Arora¹, Ritu Kathuria^{2 §}

¹Department of Mathematics
University of Delhi
Delhi, 110 007, INDIA

²32/34, West Patel Nagar, New Delhi, 110 008, INDIA

AMS Subject Classification: 47B35

Key Words: weighted Toeplitz operator, slant weighted Toeplitz operator

1. Introduction

The following corrections are to be made

1. In Section 1:

Replace “and $r \leq \frac{\beta_n}{\beta_{n+1}} \leq R$ where $0 < r, R \leq 1$ ” by “, $0 < \frac{\beta_n}{\beta_{n+1}} \leq 1$ for $n \geq 0$ and $0 < \frac{\beta_n}{\beta_{n-1}} \leq 1$ for $n \leq 0$ such that $\frac{\beta_{2n}}{\beta_n} \leq M < \infty$ ”.

2. In Theorem 2.3:

Replace “and $r \leq \frac{\beta_n}{\beta_{n+1}} \leq R$ where $0 < r, R \leq 1$ ” by “, $0 < \frac{\beta_n}{\beta_{n+1}} \leq 1$ for $n \geq 0$ and $0 < \frac{\beta_n}{\beta_{n-1}} \leq 1$ for $n \leq 0$ such that $\frac{\beta_{2n}}{\beta_n} \leq M < \infty$ ”.

3. In the lemma preceding Theorem 2.3:

Replace “ $\|h(z^2)\|_\beta \leq \|h(z)\|_\beta$ ” by “ $\|h(z^2)\|_\beta \leq M\|h(z)\|_\beta$ ”.

Replace “ $\|h(z^2)\|_\beta^2 \leq \|h(z)\|_\beta^2$ ” by “ $\|h(z^2)\|_\beta^2 \leq M^2\|h(z)\|_\beta^2$ ”.

4. Lines 7 and 8 in the proof of this Lemma to be read as:

$$\begin{aligned} & \text{“} = \sum_{n=-\infty}^{\infty} |\alpha_n|^2 \beta_n^2 \times \frac{\beta_{2n}^2}{\beta_n^2} \\ & \leq M^2 \sum_{n=-\infty}^{\infty} |\alpha_n|^2 \beta_n^2 < \infty.” \end{aligned}$$

in place of

$$\begin{aligned} & \text{“} = \sum_{n=-\infty}^{\infty} |\alpha_n|^2 \beta_{2n}^2 \times \frac{\beta_n^2}{\beta_{2n}^2} \text{ as } \frac{\beta_n}{\beta_{n+1}} \leq 1 \forall n \\ & \leq M^2 \sum_{n=-\infty}^{\infty} |\alpha_n|^2 \beta_n^2 < \infty \text{ by (1).”} \end{aligned}$$

With these corrections, the entire content of the article remains valid.