



ERRATUM TO: ZERO-BASED INVARIANT SUBSPACES IN THE BERGMAN SPACE

Fatiha BOUABDALLAH and Zohra BENDAOU

Mathematics, Higher School of Teachers, Laghouat, ALGERIA

ABSTRACT. In this Erratum we would like to clarify statement and the proof of Theorem 2 in our paper: "Zero-based invariant subspaces in the Bergman space *Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.*, 67(1) (2018), 277-285."

1. MAIN PART

Theorem 2 in the paper [2] had been already proved in [1]. The citation of the Reference [1] was omitted in the original article [2]. The authors would like to correct this deficiency as follows:

Theorem 2 [1] Let M be a zero-based invariant subspace of $L_a^p(D)$, $0 < p < +\infty$. Then M is generated by its extremal function G , that is, $M = [G]$.

REFERENCES

- [1] Abkar, A., A Beuling-type theorem in Bergman spaces, *Turk. J. Math.*, 35 (2011), 711-716. doi:10.3906/mat-0911-115
- [2] Bouabdallah, F., Bendaoud, Z., Zero-based invariant subspaces in the Bergman space, *Commun. Fac. Sci. Univ. Ank. Ser. A1 Math. Stat.*, 67(1) (2018), 277-285. doi:10.1501/Commua1.0000000849

Keywords. Invariant subspace, reproducing kernel, Bergman space.

✉ fatihabouab@gmail.com-Corresponding author; 0000-0002-4890-3386

✉ zbendaoud@gmail.com; 0000-0002-7127-2332