

*ERRATUM TO: "C(X) VS. C(X) MODULO ITS SOCLE"**(COLLOQ. MATH. 111 (2008), 315–336)*

BY

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Recently, some readers of [1], in private communications with us, and in particular A. Taherifar by referring to a counterexample, have shown some concern about the validity of one part of Theorem 5.6 in [1]. We should remind the reader that in the detailed comment preceding this theorem we have already made it clear that in this theorem and the results following it one may replace X by νX , whenever necessary, but X need not be realcompact. We admit that without specifying these replacements, some confusion might occur and in fact the results seem to be partly incorrect.

In order to avoid any possible confusion in the future, we present all the necessary amendments below.

- (1) Theorem 5.6, lines 1, 2: “subset of X ” should read “subset of νX ”.
- (2) Proof of Theorem 5.6, line 2: “ X ” should read “ νX ”.
- (3) Proof of Theorem 5.6, lines 5, 6: “ $\text{cl}_X(X \setminus Z(f))$ ” and “ $\text{cl}(X \setminus Z(f))$ ” should both read “ $\text{cl}_{\nu X}(X \setminus Z(f))$ ”.
- (4) Proposition 5.8, line 2: “with compact closure” should read “with compact closure in νX ”.
- (5) Proof of Proposition 5.8, line 4: “ $\text{cl}_X A$ ” should read “ $\text{cl}_{\nu X} A$ ”.
- (6) Proof of Proposition 5.8, line 5: “in X ” should read “in νX ”.
- (7) Corollary 5.9: “Let X ” should read “Let νX ” and “is closed” should read “is closed in νX ”.
- (8) Proof of Corollary 5.9, line 1: “is closed” should read “is closed in νX ”.
- (9) Proof of Corollary 5.9, line 3: “ $\text{cl } D$ ” should read “ $\text{cl}_{\nu X} D$ ” and “Since X ” should read “Since νX ”.
- (10) Corollary 5.10, line 1: “either X ” should read “either νX ”.

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REFERENCES

- [AKR] F. Azarpanah, O. A. S. Karamzadeh and S. Rahmati, $C(X)$ vs. $C(X)$ modulo its socle, *Colloq. Math.* 111 (2008), 315–336.

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