

# ERRATA

Corrections to

## ISOTOXAL TILINGS

B. GRÜNBAUM AND G. C. SHEPHARD

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The address at the end (page 430) should read

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Corrections to

## FIXED POINT THEOREMS FOR MAPPINGS WITH A CONTRACTIVE ITERATE, CORRECTIONS

BARADA K. RAY AND B. E. RHOADES

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Professor S. Kasahara has provided us with the following counterexample to Theorem 1 of [1]. Let  $X = \{0, 1\}$ ,  $d(x, y) = |y - x|$ ,  $T_1 = T_2 = T$  defined by  $T(0) = 1$ ,  $T(1) = 0$ , and choose  $n(x) = m(x)$  with  $n(0) = 2$ ,  $n(1) = 1$ . Then  $d(T^{n(x)}(x), T^{m(y)}(y)) = 0$  for each  $x, y \in X$ , but  $T$  has no fixed points

The conclusion of Theorem 1 should read: There exists a unique point  $a$  satisfying  $T_1^{n(a)}(a) = T_2^{m(a)}(a)$ . The conclusion of Corollary 2 needs to be modified accordingly. Theorem 2 and Remark 2 should be deleted.

### REFERENCES

1. Barada K. Ray and B. E. Rhoades, *Fixed point theorems for mappings with a contractive iterate*, Pacific J. Math., **71** (1977), 517-520.

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