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ERRATUM TO "SUZUKI CONTRACTION THEOREM ON A 2-METRIC SPACE"

S. L. SINGH, S. N. MISHRA AND S. STOFILE

Due to a trivial error in the inequality (Line^5) on page 73 [1], the authors propose that five lines (L$^{2\text{-}6}$) on page 73 [1] should be replaced by the following:

For $x \in X \setminus \{z\}$, there exists $n_0 > 1$ such that $d(x_n, z, a) \leq \frac{1}{5} d(x, z, a)$ for all $n \geq n_0$ and all $a \in X$. Then we have by the TA-inequality,

$$\begin{aligned} \theta(r) d(x_n, Tx_n, a) &\leq d(x_n, Tx_n, a) = d(x_n, a_{n+1}, a) \\ &\leq d(x_n, z, a) + d(x_{n+1}, z, a) + d(x_n, x_{n+1}, z) \\ &\leq \frac{3}{5} d(x, z, a) = d(x, z, a) - \frac{2}{5} d(x, z, a). \end{aligned}$$

REFERENCES

[1] S. L. Singh, S. N. Mishra and S. Stofile: *Suzuki contraction theorem on a* 2*-metric space*, J. Adv. Math. Stud., **5**(2012), No. 1, 71-76.

Department of Mathematics
Pt. L. M. S. Govt. Autonomous Postgraduate College
Rishikesh 249201
Mailing Address: 21*, Govind Nagar Rishikesh* 249201*, India*
E-mail address: vedicmri@gmail.com

Department of Mathematics
Walter Sisulu University,
Mthatha 5117*, South Africa*
E-mail address: smishra@wsu.ac.za

Department of Mathematics
Walter Sisulu University,
Mthatha 5117*, South Africa*
E-mail address: sstofile@wsu.ac.za

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