

CORRECTION

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Correction: ' n -tuple fixed point theorems for contractive type mappings in partially ordered metric spaces'

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Correction

(1) Page 3, line 21:

The statement '(ii) $\lim_{r \rightarrow t^+} \phi(r) < t$ for each $r > 0$ ' should be corrected as '(ii) $\lim_{r \rightarrow t^+} \phi(r) < t$ for each $t > 0$ '.

(2) Page 4, line 3:

The statement '... Condition 1 is satisfied.' should be rewritten '... Condition 1 is satisfied and g is continuous.'

(3) Page 8, line 7:

The statement '... and using (2.20)' should be corrected as '... and using (2.19)'.

(4) Page 9, line 14:

The statement ' $\leq \delta_{j(k)+1} + \delta_{l(k)+1} + t_k + n \cdot \phi(\frac{t_k}{n})$ ' should be corrected as ' $\leq \delta_{j(k)+1} + \delta_{l(k)+1} + n \cdot \phi(\frac{t_k}{n})$ '.

(5) Page 9, line 22:

The statement 'From (2.10) and by ...' should be corrected as 'From (2.8) and by ...'.

(6) Page 10, line 26:

'... now the assumption (b) holds.' should be corrected as '... now the assumption (ii) holds.'

(7) Page 11, line 20 (line 2 in Corollary 2) and Page 17, line 20 (line 2 in Corollary 4):

The statement 'and there exist $\phi \in \Phi$ such that F ' should be deleted.

(8) Page 11, line 22 (line 4 in Corollary 2) and Page 17, line 22 (line 4 in Corollary 4):

The statement ' $\phi(F(x^1, x^2, \dots, x^n), F(y^1, y^2, \dots, y^n))$ ' should be corrected as ' $d(F(x^1, x^2, \dots, x^n), F(y^1, y^2, \dots, y^n))$ '.

(9) Page 16, line 27 (line 2 in Corollary 3) and Page 17, line 20 (line 2 in Corollary 4):

The statement '... F has the mixed g -monotone' should be corrected as '... F has the mixed monotone'. That is, ' g ' should be deleted.

(10) Page 17, line 3:

' $\leq \phi(\frac{d(g(x^1), g(y^1)) + d(g(x^2), g(y^2)) + \dots + d(g(x^n), g(y^n))}{n})$ ' should be corrected as ' $\leq \phi(\frac{d(x^1, y^1) + d(x^2, y^2) + \dots + d(x^n, y^n)}{n})$ '.

(11) Page 17, line 23:

' $\leq \frac{m}{n} [d(g(x^1), g(y^1)) + d(g(x^2), g(y^2)) + \dots + d(g(x^n), g(y^n))]$ ' should be corrected as ' $\leq \frac{m}{n} [d(x^1, y^1) + d(x^2, y^2) + \dots + d(x^n, y^n)]$ '.

(12) Page 4, line 1:

The statement ' $x_1, x_2, x_3, \dots, x_n \in X$ ' should be corrected as

$x_1, x_2, x_3, \dots, x_n, y_1, y_2, y_3, \dots, y_n \in X$.

(13) ' $d(g(x_k^n), g(x_{k+2}^n))$ ' must be ' $d(g(x_{k+1}^n), g(x_{k+2}^n))$ '.

(14) Page 8, line 16:

$\leq \delta_{j(k)+1} + \delta_{l(k)+1} + d(g(x_{j(k)+1}^1), g(x_{l(k)+1}^1)) + d(g(x_{j(k)+1}^2), g(x_{l(k)+1}^2))$ must be
 $\leq \delta_{j(k)} + \delta_{l(k)} + d(g(x_{j(k)+1}^1), g(x_{l(k)+1}^1)) + d(g(x_{j(k)+1}^2), g(x_{l(k)+1}^2))$.

(15) Page 9, line 10:

'... with (2.26)-(2.29)' must be '... with (2.26)-(2.28)'.

(16) Page 11, line 3:

$g(x_k^1) \geq x^1, g(x_k^2) \leq x^2, \dots, g(x_k^n) \leq x^n$ (If n is odd) must be
 $g(x_k^1) \leq x^1, g(x_k^2) \geq x^2, \dots, g(x_k^n) \leq x^n$ (If n is odd).

Competing interests

The authors declare that they have no competing interests.

Authors' contributions

The authors made up the article together.

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