

Review of: "Results in Cone Metric Spaces and Related Fixed Point Theorems for Contractive Type Mappings"

M Priya

Potential competing interests: No potential competing interests to declare.

- 1. The introduction part of the article is too short and less informative about various contractions and fixed point theorems in cone metric spaces. Enlarging this section will impact the high attractiveness of the manuscript among future researchers. Moreover, the greater number of recent citations in the introduction part is very important for a good literature review of the article.
- 2. The notation int P ≠ 0 is meaningless because int P is a set. So it may either be empty or non-empty, but not 0. Thus, this notation should be revised. This correction should be considered for the overall manuscript.
- 3. In definition 2, the norm symbol is used for an element in P, but the explicit definition for this norm hasn't been given in the article. If it is provided in this text, it is more clear for a reader.
- 4. Definition 3 indicates the terms "bounded from above" and "bounded from below". I think there are no such terms in mathematical analysis. It should be "bounded above" and "bounded below."
- 5. The statement of Theorem 3.3 tells that a mapping $T: X \to X$ is said to be a type 1 contraction. This line should be " $T: X \to X$ is a type 1 contraction". The same correction should be made in the statement of Theorem 3.4.
- 6. Applications should be given in other mathematical fields like differential equations, optimization problems, stochastic equations.
- 7. The conclusion section should be modified according to the results proved in the paper. It will be increased with more information created in the article.

Qeios ID: Z8IN4P · https://doi.org/10.32388/Z8IN4P