

Review of: "Generalized N-metric Spaces"

Arvind Rajpoot¹

¹ Aligarh Muslim University

Potential competing interests: No potential competing interests to declare.

Fabiano and Radenović's paper on generalized N-metric spaces is a thought-provoking and innovative contribution to the field of mathematics. By drawing inspiration from physics, the authors introduce a new perspective on metric spaces that opens up exciting possibilities for theoretical exploration and practical applications.

The paper is well-structured, with clear definitions and explanations that make the concept of generalized N-metric spaces accessible to readers. The authors provide detailed examples and discuss the implications of their findings, demonstrating a deep understanding of the subject matter.

One of the strengths of this paper is the authors' rigorous approach to testing different cases for N values and their willingness to explore the boundaries of the concept. The open questions posed at the end of the paper invite further discussion and research, highlighting the potential for future advancements in this area.

Overall, "Generalized N-metric Spaces" is a valuable contribution to the mathematical literature, offering a fresh perspective on metric spaces and paving the way for new avenues of exploration. Fabiano and Radenović's work is both intellectually stimulating and methodologically sound, making it a must-read for researchers interested in metric spaces and their applications.

I highly recommend this paper to mathematicians, physicists, and anyone interested in the intersection of mathematics and theoretical physics. Fabiano and Radenović's innovative approach and insightful analysis make "Generalized N-metric Spaces" a standout contribution to the field.