# Review of: "The Generalized ETA Transformation Formulas as the Hecke Modular Relation"

Emanuel Guariglia[1]

1 Wenzhou-Kean University

The authors dealt with Dedekind eta-function. The authors used novelty to derive

their results. The paper is well written. The mathematical style is correct. However, two issues must be addressed before acceptance for publication.

The references could be improved. I warmly recommend to add some references regarding new trends in zeta functions. For these reasons, I warmly suggest adding the references below.

1. Generalized Grünwald-Letnikov fractional derivative and its Laplace and Fourier transforms, J. Comput. Nonlinear Dyn. 6 (2011), no. 3, 34501.

2. From differences to derivatives, Fract. Calc. Appl. Anal. 7 (2004), no. 4, 459–471.

3. Fractional calculus, zeta functions and Shannon entropy, Open Math. 19 (2021), no. 1, 87–100.

4. Fractional derivatives in complex planes, Nonlinear Anal. 71 (2009), no. 5-6, 1857–1869.

5. Fractional calculus of the Lerch zeta function, Mediterr. J. Math. 19 (2022), no. 3, 109.

6. Riemann zeta fractional derivative–functional equation and link with primes, Adv. Differ. Equ. 2019 (2019), no. 1, 261.

7. Zeros of high derivative of the Riemann zeta functions, Rocky Mt. J. Math. 45 (2015), no. 3, 903–926.

8. Approximation of the Lerch zeta-function, Lith. Math. J. 44 (2004), no. 2, 140–144.

Finally, the language is not still sufficient. Hence, I strongly recommend an additional English review.