

# Review of: "On a New Two Point Taylor Expansion With Applications"

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**Potential competing interests:** No potential competing interests to declare.

"The author proposed a new two-point Taylor series expansion which is asymmetric in contrast to the symmetric classical expansion. Advantages of the two-point Taylor expansions over the single-point expansions are discussed. Two-point expansions may have two intervals of convergence, converge better in the vicinity of the reference points for which the expansions are taken, and may have a larger convergence interval compared to the lower reference point single-point expansion. One of the most important advantages is that a two-point series solution can be valid at both sides of a singular point. In contrast, a single-point expansion cannot be valid at both sides of a singular point. For the examples considered, the classical and the new two-point expansions have no advantages over each other, and this issue needs further investigation. An application to a linear variable coefficient is also conducted. The paper contains new material and adds to the understanding of two-point Taylor expansions."