

# 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 has worked on a new two-point Taylor series expansion. The expansion is slightly different than the classical definition. The coefficients are calculated as recursive relations in a general form. The two-point Taylor expansion is applied to several functions which are odd, even, neither odd nor even. Functions having a finite interval of convergence or an infinite interval of convergence are investigated. The conditions for convergence are derived, and the results are compared with the results of single-point Taylor expansions, as well as two-point Taylor expansions reported in the literature. The author found that for a finite radius of convergence, two-point Taylor expansions can have a single convergence interval as well as two separate convergence intervals. An application of the series to the solution of a variable coefficient differential equation is also presented. The authors' work seems good and may be helpful to other workers.