

Review of: "New Approximate Symmetry Theorems and Comparisons With Exact Symmetries"

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In addition to the three known approximate symmetry theories, the author proposed three new approximate symmetry theories in this paper. This study provides a valuable review of approximate symmetry methods applied to nonlinear ordinary differential equations. It would be beneficial to include the mathematical definitions of the approximate symmetry theorems I, II, and III, as well as the explicit definitions for the new approximate symmetry theories numbered IV, V, and VI, which are given by equations (2.2), (2.7), and (2.12), respectively. I recommend that this article be published in Qeios.