

New imperssive regulations for the non-fractional order and the time-fractional order of the biological population models

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Abstract

In this article, imperssive exact solutions and hence effective regulations to the non-fractional order and the time-fractional order of the biological population models are achevied for the first time in the framwork of the Paul-Painlevé approach. When the variables appearing in the exact solutions take specific values, the solaitry wave solutions will be easily satisfied. The realized results prove the efficiency of this technique.

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