Abstract

In this research, we employ the extended exp(-φ(ξ)) expansion method for the first time to obtain the exact and solitary wave solutions of the (3+1)-Dimensional Yu-Toda-Sasa-Fukuyama Equation. We obtain the wide range of exact and solitary wave solutions of distinct physical structure.

References

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its applications for solving some nonlinear evolutions equations in mathematical physics. Jökull journal- Vol. 64. Issue 5 - May 2014.


Index Terms
Computer Science
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Keywords
Extended exp(-φ(ξ))-expansion method, The (3+1)- Dimensional Yu-Toda-Sasa-Fukuyama equation, Traveling wave solutions, Solitary wave solutions.