M. T. Mustafa* (tahir.mustafa@qu.edu.qa), Department of Mathematics, Statistics and Phy, Qatar University, Doha, 2713, Qatar. Exact solutions of wave equation on Minkowski spacetime.
Wave equation on Minkowski spacetime is investigated using Lie symmetry method. Symmetry algebra of the wave equation is obtained and joint invariants of appropriate subalgebras are utilized to obtain many exact solutions of the wave equation on Minkowski spacetime. (Received May 27, 2017)