Adekunle Ademola Araromi* (adekunle_yem@yahoo.ca), P.O.Box 491, Oyo, Oyo State, Nigeria., Nigeria. Modified variational iterative method for solving the linear and nonlinear Klein-Gordon equations.

In this paper, modified variational iterative method (VIM) is considered as an alternative method for solving the linear and nonlinear Klein-Gordon equations. This method is based on the use of modified variational iterative method to solve some physical models of Klein-Gordon equations. Using the variational iterative method, it is shown that the present approach is highly accurate and converges rapidly. (Received September 14, 2013)