

Editorial Comments:

The paper entitled, " **Application of the Laplace Decomposition Method for Motion of Spherical/non-Spherical Particles within a Highly Viscous Fluid**" is suitable for publication. However it will be desirable if the authors can compare their results with Ye.V. Visitski, A.G. Petrov and M.M. Shunderyuk; The motion of a particle in viscous fluid under gravity, vibration and Basset's force. J. Applied Mathematics and Mechanics 73(2009) 548-557.

Author's Feedback:

First of all, we respect for your attention to our paper which is about LDM solution of the nonlinear ODE used for sedimentation of a solid particle.

The paper you've mentioned above is one of the most relative papers which we can compare our results with, but it is important to note that the authors of that paper have introduced their assumptions and stated that they have taken the Basset force into account. The Basset force term describes the force due to the lagging boundary layer development with changing relative velocity (acceleration) of bodies moving through a fluid. The Basset term accounts for viscous effects and addresses the temporal delay in boundary layer development as the relative velocity changes with time. It is also known as the "history" term. It can be substantially large when the body is accelerated. So this comparison may not seem to be true.