

Report on "Multistage HPM applied to path tracking damped oscillations of a model for HIV infection of CD4+ T cells"

This work proposed the application of Multistage Homotopy Perturbation Method to track the path of damped oscillations in the evolution of HIV infection in CD4⁺ T cells. The comparison of this method with those existing in the literature has been well done.

The paper is logically structured and the results obtained are good and effective. Therefore, I recommend this paper for publication in the journal of British Journal of Mathematics & Computer Science after some minor revisions.

Minor Comments

1. On page 1, Introduction, "are mainly dedicated to ght against diseases" should be "are mainly dedicated to **hight** against diseases". And "the ecient path tracking" should be "the **efficient** path tracking"
2. On page 3, system (3.2) is not compatible with (2.4). That should be checked. Also, the table 1 should be after Section 3.
3. On page 4, "After the rst three iterations of MuHPM method" should be "After the **first** three iterations of MuHPM method".
4. Include and comment in the manuscript a recent and related works:
 - Dynamics of HIV Infection Model with Therapy and Cure Rate, Int. J. of Tomography and Statistics, 16 (11) (2011) 74-80.
 - Two optimal treatments of HIV infection model, World Journal of Modelling and Simulation, 8 (2012) 27-35.
 - Optimal Control of a Delayed HIV Infection Model with Immune Response Using an Efficient Numerical Method, ISRN Biomathematics, (2012), 7 pages.
 - A Delay differential equation model of HIV with therapy and cure Rate. Int. J. Nonlinear Sci. 12 (2011) 503-512.