



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ BJAST_30928
Title of the Manuscript:	Semilocal Convergence Newton Method Applied to Kepler Equation: New Results
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1. Which parameters are along X-axis and Y-axis? Mentioned those along respective axes. 2. In text of Fig.1, there is repetition of "Details of the graphs of the majorizing functions". 3. "What each theorem, considered in manuscript, signifies and how these theorems are different from each other?". This was asked by reviewer earlier and the authors have not answered . 4. As per the earlier response no-04 of the authors, explanation of the curve should not be in the conclusion. The conclusion is the separate head and is the abstract of what you found/observed from your result/manuscript. It is expected to put two lines about the prediction and behaviour of the various graphs (curves) in the revised manuscript. 5. Authors have removed the diagrams (curves) mentioned for each theorems in the previous version, why? 6. Authors are suggested to do careful revision before responding to the queries.	1. In the X-axis, there are the parameters that correspond to the different cuts, in which the curve of each function has solution. In the Y-axis the different parameters are shown where the functions pass to verify if they converge or not through the x-axis 2. Taken into account and corrected. 3. Each theorem of the manuscript means that for each theory of semilocal convergence treated, values of the eccentricity are obtained that assure the convergence of the method of Newton when applied to the equation of Kepler. Consequently, each theorem differs from one another if they take different theories of semilocal convergence in each of them. 4. According to the graphs or curves of the different majorizing functions, it is observed that its behavior, from the initial point $E_0 = \pi$, is more restrictive in the convergence, than for the starting point $E_0 = M$. 5. The diagrams or curves of the polynomials obtained in the different theories were eliminated with the intention of reducing the volume of the article.