



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	MS: 2013_BJMCS_3400
Title of the Manuscript:	Are Near Earth Objects the Key to Optimization Theory?

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The author has tried to point out the effectiveness of the proposed technique with only one example. There should be more examples or the proposed technique must be proven.	Since its introduction in 2007, the proposed technique, Central Force Optimization, has been the subject of more than two dozen peer reviewed papers, including two proofs of convergence, and application to various benchmark suites and to real-world problems with excellent results. Indeed, the abstract in reference [12] in the revised paper concludes: "...The results are then discussed compared to the previous works. It is concluded that CFO is easy to implement, computationally efficient and has a remarkable performance in solving leak detection problem." (emphasis added). A copy of that paper is attached. In order to address the reviewer's comment, extensive additional discussion and references have been added to the paper because CFO already has been "proven" as an optimization technique, and it is not the intent of the reviewed paper to further address CFO's performance. The point of the paper is to raise the question of whether or not CFO's underlying gravitational metaphor and real gravitational kinematics are related as more than a simple analogy.
Minor REVISION comments	The Author should cite the article; Richard A. Formato, Central Force Optimization and NEOs - First Cousins?, Multiple-Valued Logic and Soft Computing 16(6), 547-565, (2010).	Done.



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<u>Optional/General</u> comments	The topic of the article is very similar to the author's past works. The article must include more experimental results or proof of the proposed technique.	An additional example, the 30D Griewank function has been added, and the above response to the reviewer's first comment also addresses this comment. *The author thanks the reviewer for his time and consideration in reviewing this work. His comments are helpful, and the author believes the presentation has been considerably improved by responding to the reviewer's remarks. *
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