



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_3381
Title of the Manuscript:	Pseudorandomness in Central Force Optimization

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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	Is this the first proposition of CFO-PR? If so, I suggest this to be emphasized (e.g., In this paper a novel CFO algorithm is proposed, called CFO-PR). If not, please indicate previous references. I suggest a performance comparison of CFO-PR with the original CFO, by the inclusion of CFO results in Table 2. In this way the actual improvement of pseudorandomness in CFO would be more evident. Please replace Section 2.4 in Chapter 3, because Section 2.4 already contains some results, thus it is more related to the results chapter. For an appropriate performance comparison, the output of different Evolutionary Algorithms (EAs) should be generated with the same number of function evaluations. Please indicate the number of function evaluations for GSO and PSO, in Table 2. Please indicate the reference used for the information contained in the Appendix.	This point now is addressed in the Introduction. Additional comparative data have been added to Table 2 and discussed in the text. Done. Table 3 has been added to include the number of GSO/GA/PSO function evaluations as described in the original GSO paper. Done.
<u>Minor</u> REVISION comments	I suggest avoiding the excessive use of italic formatted words and quotation marks. Check paragraph indent in lines 25, 58, 69, 178, 243, 263 and 291.	Done. Done.



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	Remove line breaks between lines 115 and 116, 119 and 129, in Table 1 Replace “CFP-PR” by “CFO-PR” in line 321. Replace “CFO” by “CFO-PR” in Table 2 header. Check line breaks in Table 2, to keep exponents and bases in the same line. Line 123: replace “$F_{rep} = \Delta F_{rep}$” by “$F_{rep} = F_{rep} + \Delta F_{rep}$” Correct reference number in line 336 (3. instead of 4.). Remove line break in Figure 5 (between lines 214 and 215). Define the symbol ΔV in line 236. I would avoid the reproduction of web and doi links in the references of journal and conference papers. I also like to include the location of the conference in the reference of conference papers.	Done. Done. Done. Done. This line is correct as written. F_{rep} is constrained to the range $[\Delta F_{rep}, 1]$ as discussed in the text. Done. Done. Done. Done.
<u>Optional/General</u> comments	I congratulate the author for his work, the paper has a good quality in terms of scientific content, and it is well written. Furthermore, I believe that this paper contributes for the state of the art EAs, by bringing into discussion the pseudorandomness in deterministic EAs.	<i>Thank you! Your helpful suggestions are very much appreciated.</i>