



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2015_PSIJ_16503
Title of the Manuscript:	A METHOD FOR COMPUTING INITIAL APPROXIMATIONS FOR A 3-PARAMETER EXPONENTIAL FUNCTION
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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



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PART 1: 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	<p>This paper proposes an improved multiple goal function (MGF) method by appropriately using initial guess values (IGVs). After reading this manuscript, the following comments should be addressed.</p> <ol style="list-style-type: none"> 1. It is evidently that good IGVs improve the accuracy. Therefore, the overloads for the IGVs should be analyzed to show the technical contribution. It is desired to provide further evaluation of the computational complexity. 2. The authors are encouraged to exhibit examples that may be sensitive to initialization or having convergence problems. In contrast, the problem can be overcome by the proposed IGV to enhance the advantage of the paper. 3. Because the proposed method is modified to [7], the performance comparison with [7] should be provided. 4. line 111, equation (3.5): $f(x) = \beta I(x) - \lambda x + f(a)$ should correct as $f(x) = \beta I(x) - \lambda x + f(a) + \lambda a$. 5. line 115: $C = f(a) + \lambda(a)$ should revise as $C = f(a) + \lambda a$. 6. Because this manuscript is a "review article", the performance comparison and theoretical advantages should be thoroughly investigated. 	
Minor REVISION comments	<ol style="list-style-type: none"> 1. This manuscript should be carefully checked for the "space" required between words. There are too many words need to be separated for understanding. For example, lines 18, 39, 54, 57, 59, 68, 78, 79, 93, 95, 96, 106, 116, 118, 125, 126, 130, 134, 143, 163, 164. 	



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	<ol style="list-style-type: none">2. The word “etc” in lines 33 and 76 should be consistent.3. By appropriately revising the title of Section 2, the subsection 2.1 can be removed.4. Only subsection 3.1 exists in Section 3, therefore, this subsection can be removed.5. The title format of references should carefully check to meet the journal’s requirements.	
<u>Optional/General</u> comments		

Reviewer Details:

Name:	Yue-Dar Jou
Department, University & Country	Department of Electrical Engineering, R.O.C. Military Academy, Taiwan