



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_46074
Title of the Manuscript:	PENALTY ALGORITHM BAESD ON THREE-TERM CONJUGATE GRADIENT METHOD FOR UNCONSTRAINED OPTIMIZATION PORTFOLIO MANAGEMENT PROBLEM
Type of the Article	Original Research Article

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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:

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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	<ul style="list-style-type: none"> The Equation 1.3, 1.4 & 1.5 is missing from the article. I think Equation 1.5 is critical to be included as it is the gist of the discussion. Mathematical notations need to be revisit throughout the article. It should be italic to avoid confusion. Define CUTER Suite. $c=(c_j)_{n \times 1}$ and $(q_{ij})_{n \times n}$ should be $c=(c_j)_{n \times 1}$ and $(q_{ij})_{n \times n}$ Revisit the use of formulation and referencing inside text. Example in Page 2 "The Problem (4)" referring to what exactly? Few typos and grammatical errors throughout the articles Equation (3.2), is there any requirement for x_i for Q_{ij}? Missing many close bracket "]" in (3.3) onwards Before Equation 93.7), introduce g_x as gradient. The first time we meet g_x Algorithm 2.1 should be Algorithm 3.1 After Equation 3.9, for B_i, there's no formula for Bamingbola-Ali_Nwaeza (26) and Dai-Yuan (27). Is algorithm 3.1 a 2-term CGM? Clarify and tie to Figure 1 & 2 Equation 3.16 is missing Algorithm 3.2, Remark (2) is incomplete After Equation 3.24, there's no theorem 2.3 available Standardize the use of "problem" or "equation" for inline text. No Lemma 3.3 (two different lemma 3.3, with one no content, the other incomplete) No theorem 3.3 After Equation 3.44, is this lemma 3.2 or 3.4? Be consistent. What is H3 in the final page? Define NCGM & CGM and follow the terms consistently. Only one reference that is recent (Ibrahim et al (2014)). Should include more recent references (5 years prior) The writing of this article is rushed. Need to realign the writing and improve the presentation of the content. 	
Minor REVISION comments		
Optional/General comments	Already included in previous comments and improvement	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Masnita Misiran
Department, University & Country	Universiti Utara Malaysia, Malaysia