



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_13361
Title of the Manuscript:	THE STABILITY AND CONVERGENCE ANALYSIS OF A NEW CONJUGATE GRADIENT METHOD FOR SOLVING NONLINEAR OPTIMIZATION PROBLEMS
Type of the Article	Original Research 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>)



SDI Review Form 1.6

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)
<u>Compulsory</u> REVISION comments	In this paper , the authors propose the stability and convergence of the new conjugate gradient method for solving the nonlinear optimization problems. In my opinion, the idea of this paper has some originality. However, there are some bugs and problems need to be further considered. Please let the authors examine carefully and correct them. 1. I believe that problem (1) is not the original problem. It should be better to give the original problem and point out the relations between them. Moreover, the reference should be cited. 2. I wonder if the algorithm (NCGM) is firstly presented in this paper. 3. In Page 3, "See the proof by Dai and Yuan [1]". However, there is no paper of Dai and Yuan in the references.	We agreed with the reviewer. His comments are in order. All the errors have been corrected in the paper.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		