



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_15370
Title of the Manuscript:	Computation of Eigenvalues of the Fourth Order Sturm-Liouville BVP by Galerkin Weighted Residual Method
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.

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PART 1: 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	The paper deals with an under-investigated problem –Bernstein polynomials as basic functions in the Galerkin weighted residual method to approximate the solutions.	
<u>Minor</u> REVISION comments	About the paper we have the following remarks: (1) There is no analysis on computational Complexity/efficiency of the method. Error estimates of the method should be give. (2) The authors do not state anything about the CPU time needed to solve the problems. This should be reported.	(1) Convergence of the method and Relative Error calculation is given instead of error analysis. (2) CPU time depends on the configuration of the PC so that we have omitted in earlier version. Now CPU time is given for problem 1(a) and problem 2(a). For other problems it is obvious.
<u>Optional/General</u> comments		