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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

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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.

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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	The proposed method is worth considering. However, mathematical expressions, construction of the problem, derivation of the method and obtained results given in tables are written in a rude way and some of them are wrong. Some examples of them are listed below. 1) In Sturm-Liouville problems $p(x)$ and $w(x) > 0$. Considered problems have to be defined precisely. 2) These kinds of problems have homogeneous boundary conditions. So $\alpha_0, \alpha_1, \beta_0$ and β_1 equal to zero. 3) Because of 2) obtained equations must be reobtained. 4) Definition of Bernstein polynomials and their properties are not given properly. So I recommend that this paper has to be rewritten from beginning to end considering the above suggestions and being careful in mathematical writing. After that it has to be re-reviewed.	Derivation and construction of the problem and the given tables are modified. 1. The considered problems have been refined precisely. 2. We have given a general formulation for non-homogeneous problem. One can exploit this easily. The formulation is added also for homogeneous BVP. Thus (3) is obvious. 4. Bernstein polynomial with its properties is appended rigorously in section 2 of this present version.



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	After the corrections considering the above suggestions, the manuscript could be re-reviewed.	