



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_13503
Title of the Manuscript:	Semi-analytical approximation for solving high-order Sturm-Liouville 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.

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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		
Minor REVISION comments	Algorithm 2.1, on Step 5 is not understandable (typing mistake ?) . Third line on page 105 $R(x-y).1$? (typing mistake ?)	1. Last line before Algorithm 2.1 is changed to: "Section 2 may be summarized in the following algorithm." 2. Algorithm 2.1, Step 5. By Cramer's rule, it is well known that we get nontrivial solutions of system (2.14) provided that $M_n(\lambda) = 0$ (2.15) which is a polynomial in λ. So, the Step 5 in Algorithm 2.1 is changed to: Find roots of the polynomial (2.15) in which they are eigenvalues of problem (1.1). This statement is true, because we need to make the inequality in fourth line on page 105.
Optional/General comments	Better presentation of Algorithm 2.1	Algorithm 2.1 is corrected.