



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	MS: 2013_BJMCS_3049
Title of the Manuscript:	Bounds for the Convex Combination of the First Seiffert and Logarithmic Means in Terms of Generalized Heronian Mean.

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment
<u>Compulsory</u> REVISION comments	The bibliography is very useful for readers. The bibliography should be made more useful by including the following 23 papers, which are closely related to the topic of the article: [1] Y.-F. Qiu, M.-K. Wang and Y.-M. Chu, The sharp combination bounds of arithmetic and logarithmic means for Seiffert's mean, <i>Int. J. Pure. Appl. Math.</i>, 2011, 72(1): 11-18. [2] Y.-M. Chu, Y.-F. Qiu and M.-K. Wang, Sharp power mean bounds for the combination of Seiffert and geometric means, <i>Abstr. Appl. Anal.</i>, 2010, Art. ID 108920, 12 pages. [3] Y.-F. Qiu, M.-K. Wang and Y.-M. Chu, The optimal generalized Heronian mean bounds for the identric mean, <i>Int. J. Pure Appl. Math.</i>, 2011, 72(1): 19-26. [4] Y.-M. Li, B.-Y. Long and Y.-M. Chu, Sharp bounds by power mean for generalized Heronian mean, <i>J. Inequal. Appl.</i>, 2012, 2012: 129. [5] Y.-M. Chu, M.-K. Wang and Z.-K. Wang, Best possible inequalities among harmonic, geometric, logarithmic and Seiffert means, <i>Math. Inequal. Appl.</i>, 2012, 15(2): 415-422. [6] Y.-M. Chu, M.-K. Wang, S.-L. Qiu and Y.-F. Qiu, Sharp generalized Seiffert mean bounds for Toader mean, <i>Abstr. Appl. Anal.</i>, 2011, Art. ID 605259, 8 pages. [7] Y.-M. Chu, M.-K. Wang and Z.-K. Wang, An optimal double inequality between Seiffert and geometric means, <i>J. Appl. Math.</i>, 2011, Art. ID 261237, 6 pages.. [8] Y.-M. Chu and M.-K. Wang, Optimal inequalities between harmonic, geometric, logarithmic, and arithmetic-geometric means, <i>J. Appl. Math.</i>, 2011, Art. ID 618929, 9 pages. [9] Y.-M. Chu, M.-K. Wang and Y.-F. Qiu, An optimal double inequality between power-type Heron and Seiffert means, <i>J. Inequal. Appl.</i>, 2010, Art. ID 146945, 11 pages. [10] Y.-M. Chu, M.-K. Wang and Z.-K. Wang, A best-possible double inequality between Seiffert and harmonic means, <i>J. Inequal. Appl.</i>, 2011, 2011: 94. [11] Y.-M. Chu, S.-W. Hou and W.-M. Gong, Inequalities between logarithmic, harmonic, arithmetic and centroidal means, <i>J. Math. Anal.</i>, 2011, 2(2): 1-5. [12] H.-N. Hu, S.-W. Hou, Y.-W. Xu and Y.-M. Chu, Optimal convex combination bounds of root-square and harmonic root-square means for Seiffert mean, <i>Int. Math. Forum</i>, 2011, 6(57): 2823-2831. [13] H.-X. Shi, B.-Y. Long and Y.-M. Chu, Optimal generalized Heronian mean bounds for the logarithmic mean, <i>J. Inequal. Appl.</i>, 2012, 2012: 63. [14] M.-Y. Shi, Y.-M. Chu and Y.-P. Jiang, Optimal inequalities among various means of two arguments, <i>Abstr. Appl. Anal.</i>, 2009, Art. ID 694394, 10 pages. [15] Y.-M. Chu, Y.-F. Qiu, M.-K. Wang and G.-D. Wang, The optimal convex combination bounds of arithmetic and harmonic means for the Seiffert's mean, <i>J. Inequal. Appl.</i>, 2010, Art. ID 436457, 7 pages.	



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	[16] M.-K. Wang, Y.-F. Qiu and Y.-M. Chu, Sharp bounds for Seiffert means in terms of Lehmer means, Math. Inequal. Appl., 2010, 4(4): 581-586. [17] Y.-M. Chu, S.-S. Wang and C. Zong, Optimal lower power mean bound for the convex combination of harmonic and logarithmic means, Abstr. Appl. Anal., 2011, Art. ID 520648, 9 pages. [18] Y.-M. Chu and W.-F. Xia, Two optimal double inequalities between power mean and logarithmic mean, Comput. Math. Appl., 2010, 60: 83-89. [19] W.-F. Xia, Y.-M. Chu and G.-D. Wang, The optimal upper and lower power mean bounds for a convex combination of the arithmetic and logarithmic means, Abstr. Appl. Anal., 2010, Art. ID 604804 [20] S.-S. Wang and Y.-M. Chu, The best bounds of the combination of arithmetic and harmonic means for the Seiffer's mean, Int. J. Math. Anal., 2010, 4(22): 1079-1084. [21] C. Zong, and Y.-M. Chu, An inequality among identric, geometric and Seiffert's means, Int. Math. Fourm, 2010, 5(26): 1297-1302. [22] W.-M. Gong, Y.-Q. Song, M.-K. Wang and Y.-M. Chu, A sharp double inequality between Seiffert, arithmetic, and geometric means, Abstr. Appl. Anal., 2012, Art. ID 684834, 7 pages. [23] B.-Y. Long, Y.-M. Li and Y.-M. Chu, Optimal inequalities between generalized logarithmic, identric and power means, Int. J. Pure Appl. Math., 2012, 80(1): 41-51.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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