



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2015_BJMCS_17068
Title of the Manuscript:	A refinement of Jensen's inequality via superquadratic functions
Type of the Article	Research Article



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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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	In this paper under review the authors claim that they have given inequality that is sharper then original Jensen's inequality, but <u>less sharper</u> than previously published more general inequality due to S. Abramovich. Moreover the presentation of the results is not precise, clear and well-written. For instance: -Inequality (1.3.) is incorrectly quoted, -the statements of the main results (Proposition 1.1. and proposition 1.2.) are not correct - there is no definition (B) (definition 1.2?), -in Proposition 1.2. there isn't any assumption on function phi, -authors apply vector space X with positive real numbers, The authors gave no comment on relation or difference between these two definitions of superquadratic functions. In the references there are not enough literature on superquadratic functions.	Thank you for your wonderful comments 1. The corrections have been made with regards to inequalities (1.3) and (1.4). 2. The definition (B) now reads as definition (1.2). 3. The function phi is defined according to definition (1.2). 4. The function phi is now defined on the positive real numbers to the positive real numbers. 5. The relationship between the two definitions has been added to the paper. It can be seen write after inequality (1.6). I have added two more references to my list of references.