



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_40993
Title of the Manuscript:	On the geometry of Complex-Contact Riemannian Submersion
Type of the Article	Original research papers

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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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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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 paper deals with Riemannian submersions from almost Hermitian manifolds to almost contact manifolds. Since it is impossible that the relevant structures - the almost complex structure on the first manifold and the $(1,1)$-tensor field of the almost contact structure on the second manifold - are directly related by such a submersion, a definition for <i>complex-contact Riemannian submersion</i>, involving an additional 1-form on the almost Hermitian manifold is given (Definition 3.1 in the manuscript). The authors then prove some statements about such submersions. Most of them are equations relating several structures, but they also establish that the fibers are contact metric submanifolds and obtain necessary and sufficient conditions for the horizontal and vertical distributions to define totally geodesic foliations. I assume that the results are new, although I could not check all the relevant sources and would therefore recommend the paper after a major revision. Such a revision is necessary for two reasons. • CONTENTS. Especially the Introduction is written poorly and a bit misleading. The sentences "From all these studies by these different authors, nothing much is done on submersions in which the total space is an almost Hermitian manifold and the base space is a contact metric manifold. In this paper we shall call it Complex-Contact Riemannian submersion." on page 101, line 18-20, suggests that the authors introduce a new definition themselves. However, when looking at the definition in question, Definition 3.1 on page 104, they refer to a book by Falcitelli et al. from 2004. In fact, the problem of transferring structures along Riemannian submersions from almost Hermitian manifolds to almost contact manifolds was studied long before, see for example [D. Chinea, Transference of structures on almost complex contact metric submersions, Houston J. Math. 14 (1988), 9-22]. The authors should check this paper and the references therein and for sure cite it. • LANGUAGE. The manuscript is full of language mistakes. Again, the Introduction is the worst, but also the rest of the paper contains several of them. A few examples are the following confusion between singular and plural throughout the manuscript (even in the Abstract), use of capital letters, the way names are cited (e.g. "O'Neill Barret O'Neill" and "Gray Gray A." should for example be "B. O'Neill" and "A. Gray", the word "Riemannian" is very often spelled "Riemnnian", etc.	
Minor REVISION comments	/	
Optional/General comments	/	



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