



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_42590
Title of the Manuscript:	Complete Dynamics of a Fundamental Bound State Theory and Application to Gravitational Systems
Type of the 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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



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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	This is an interesting paper showing the random movement of individual fermion-hadron couples to a coherent rotation in complex systems thanks to the additional terms of acceleration. Using quantum electrodynamics in which the fermions are coupled to boson fields the authors demonstrated that the additional acceleration term, may be helpful for composite systems of many particles. This is a positive point to this study. Consider after major changes <u>Question 1</u> The highlighted part “Stable galactic objects are obtained, if in addition the binding energy is reduced” in the abstract is grammatically unclear/incorrect. Please rephrase this part for the sake of clarity and correctness. The highlighted part “eq. (2)” (pages 3, and 7); “fig. 2” (Page 10); “fig. 1” (Page 9); “terms (7)” (Page 7) are conventionally unclear/incorrect. Please check and correct it. The authors should insert the title “Acknowledgement” in the manuscript (page 13). <u>Question 2</u> I also suggest the authors to improve the presentation of the introduction: mention explicitly what is a fundamental bound State Theory, what have already been studied (with reference), why interesting Physics of fundamental bound State Theory and then the aim of the paper is organized. Please look at carefully the conclusion, it is too long; be more direct and objective (to the point) style. On the other hand, the authors must be concise and precise. <u>Question 3</u> Another small problem with this manuscript is that equation (1) is confusing: the section 2 starts the underlying Lagrangian and goes not too fast to a description of the system in a short paragraph. It would be better to describe your system which is essential for the subsequent comprehension. <u>Question 4</u> Comment on ref. [4]: it would be better to split reference [4] from the original paper to [4, 5, 6, 7]. Please check and correct it. <u>Question 5</u> The same applies to ref. [5], too much confusion. ref. [5] should be splitted in more detail. The authors should harmonize references as the style of the journal. <u>Question 6</u> Another small point with this manuscript is the poor quality of the English, If the authors can completely revise this text in a new more direct and objective (to the point) style, presenting a revised version on good English, this submission might be given further consideration.	
Minor REVISION comments		
Optional/General comments		

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