



SDI Review Form 1.6

PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	MS: 2012 PRRI 2642
Title of the Manuscript:	Direct Correlation Function of Hard Molecular Fluid

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 (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	<p>The paper introduces the direct correlation function of hard spherocylinder (SC) molecules but the title is not corresponds to content of the text.</p> <p>The second part is well known and described in details in literature (see references in lines 278, 281, 284, 290, 308 and M. Moradi and A. Avazpour, <i>IJMPB</i>, vol. 19, No. 10, (2005)1717-1729). The closest approach is the main new idea of the paper. There is not any formula for closest approach of SC in the text. Also the authors must calculate some physical properties of SC molecular liquids using announced DCF (If they can calculate the DCF of SC).</p> <p>Question: what is the initial value of $C(l_1, l_2, m, r)$</p>	
Minor REVISION comments		
Optional/General comments		

Note: Anonymous Reviewer