



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)
<u>Compulsory</u> REVISION comments	In Eq. (6), how many coefficient are needed to proceed calculations. Since these non-spherical calculations are much more expensive than spherical ones, the authors should make a general comparison between two cases. Figures 2-4 show different coefficients among each other, why? In figure 4, C222 as well as C220 and 440 have black areas and their curves is non- smooth, are these problems from computation errors? If so, the algorithm is of some deficiencies. The authors should give a explanation.	
<u>Minor</u> REVISION comments	Is this algorithm applicable to other approximations such as HNC and MSA models with attractive forces?	
<u>Optional/General</u> comments		

Note: Anonymous Reviewer