



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/2280
Title of the Manuscript:	Fuzzy Sequential forward search for Oil Formation Volume Factor Predictive Tool Factor for Niger Delta Crude Oil.

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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	(1) The FVF model developed from fuzzy sequential forward techniques has been tested for the data from oil fields in the Niger Delta. It will be better to use data in the Niger Delta for training and other data in other oil fields in the world for testing, and then compared with the existing correlations. (2) Since some measured data may be imprecise, the authors should screen out this kind of data before the building of their model. (3) The unit for each parameters listed in Table 1 should be added. (4) The definition formula for error should be given in the paper, such as RMS error, residual error. (5) The information of Table 2 is scarce. How to judge the influence of the parameters on the results of training and checking from Table 2? (6) There are some grammar or clerical errors which should be checked, such as in the abstract part, "with 570 used for training and 566 for testing". "570" may be "750".	1.) The model is tested with empirical correlations developed from data collected from outside this region. 2.) SEQSRCH is used to screen the variables to know the influence of each. Fuzzy Logic is able to accommodate impression on the data used. 3.) Corrected. 4.) It is reported in Hemmati and Kharrat work. 5.) Corrected. 6.) I have done it.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		