



**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

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| Journal Name:            | <a href="#">British Journal of Mathematics &amp; Computer Science</a>   |
| Manuscript Number:       | Ms_BJMCS_27063                                                          |
| Title of the Manuscript: | Software Development for the Prediction of Hydrate Formation Conditions |
| Type of Article:         | Original Research Article                                               |

**PART 2:**

| FINAL EVALUATOR'S comments on revised paper (if any)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Authors' response to final evaluator's comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <p>The presented paper was improved, but the revision is still expected. The software is valuable and works properly under most modern environments. The paper currently include link to server, where the application is hosted.</p> <p>The main drawback of presented idea is the requirement of choosing the best model by the end user (human expert). The results of many models could be combined eg by voting or weighted average. In Author's comments the sentence is added: "Also, automatic combination and weighing of results is a feature being worked on for a final update to the software". Please add the results of this calculations into the article.</p> <p>The main page of demo application should include button 'anonymous login' or something similar, because it is not obvious, that user without account could test the application. Otherwise, please include the login details into article. The software version should be available as well, because without the version it is hard to report bugs or fixes.</p> | <p>Current version of the software - 1.0.r2 – has been included in the software. Also, the link has been updated to automatically take a user to the most recent version of the software on the server. This way, updates can be pushed out easier. After any update, upon login, the user gets a notification that the version has been updated.</p> <p>Also, although, the weighted average and automatic combination feature is to be included in the next revision of the software, it is also to be noted that the user will only be able to use this feature by choice, as it is paramount that the user should know the model being used to perform a simulation. To achieve this, in the current revision 1.0.r2, a rank indicator has been introduced in the software. This indicator is displayed in the status bar alongside the model name. Also, in the next revision, a 'Switch to average mode' button will be introduced. This will enable the user to switch to the weighted average mode. The calculations for the accuracy scale and ranking are already displayed in tables 9a and 9b in the article.</p> <p>User login has also been enforced. Login details for a beta user has been included in the article, although, the license for beta users expires on the 31st of December, 2016.</p> |