



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_8110
Title of the Manuscript:	The Roles of Condition Number in Least Squares Equation

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The revised paper is not improved with respect to most of the initial review comments. The author's response is "OK", however the author does not describe how and where the revised paper is improved. Interval quantities are denoted the same way (by the same letters) as the corresponding real ones, while reproducing Theorem 4.1 the interval quantities are in square brackets "[]". All interval quantities in the paper must be either in bold-face letters or in brackets "[.]". No one of the remarks 4.a)-4.c) of the initial review is considered. Thus, section 4 remains mathematically inconsistent. In addition, the solution set of a system with symmetric interval matrix has boundary described by quadratic polynomials in general. Therefore, there is no way to obtain the solution set by intersecting hyperplanes. Section 5 is unchanged with respect to the remarks 5.b)-5.c) of the initial review. The conclusion that by the numerical results presented in Section 5 "the author confirms the inconsistency of the theoretical considerations in Section 4." remains. 2. The revised abstract says: "a slight modification was made to the theorem (4.1 my remark) by neglecting the second term appearing in the equation." I don't see such a consideration in section 4.	Section 4 has been fully revised. Please see the paper for details. My approximate computed results with guaranteed error bounds when the set of data are afflicted with uncertainty defined using the described methods are quite in agreement with result computed in the absence of noise (uncertainty) in the data using MATLAB Windows 2007. Please take note of these things. See the paper so that you are properly informed of I have done in the work.