

Reply to “Comment on ‘Analytical Model for Gravity and Rayleigh Wave Investigation in the Layered Ocean-Earth Structure,’ by T. Novikova, K.-L. Wen, and B.-S. Huang,” by Tatiana B. Yanovskaya, Giuliano F. Panza, and Fabio Romanelli
by T. Novikova, K.-L. Wen, and B.-S. Huang

Recently published in BSSA [2002, **92**, 723–738], article “Analytical Model for Gravity and Rayleigh Wave Investigation in the Layered Ocean-Earth Structure” by T. Novikova, K.-L. Wen, and B.-S. Huang was aimed to develop, with well-known Thomson–Haskell formalism, the numerical procedure for studying oceanic surface wave propagation in laterally heterogeneous medium. The proposed investigation is a logical development of the previous ideas as described in the articles written by Yakson and Yanovskaya (1996) and by Novikova *et al.* (2000), which suggested an approach for studying the long-period gravity waves, tsunami in oceanic structure.

After a careful re-examination of the mathematical statement of the problem made in our article, we realized the errors in our description of the boundary condition and would like to thank Yanovskaya *et al.* for their important corrections. Yet, as the reviewers kindly pointed out, these errors won’t change the basic conclusion of the article at all.

Surely, we will take this matter well into account in our next article, which is in working process.

References

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