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The new types of wave solutions of the Burger's equation and the Benjamin-Bona-Mahony equation

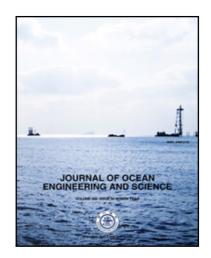
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PII: S2468-0133(17)30083-9 DOI: 10.1016/j.joes.2017.11.002

Reference: JOES 63

To appear in: Journal of Ocean Engineering and Science

Received date: 4 September 2017 Revised date: 3 November 2017 Accepted date: 7 November 2017



Please cite this article as: Azmol Huda, M.Ali Akbar, Shewli Shamim Shanta, The new types of wave solutions of the Burger's equation and the Benjamin-Bona-Mahony equation, *Journal of Ocean Engineering and Science* (2017), doi: 10.1016/j.joes.2017.11.002

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Highlights of the article: In this article, we have examined closed form wave solutions to the Burgers equation and the Benjamin-Bona-Mahony equation which are very significant NLEEs to describe Ocean waves, such as, one-dimensional internal waves in deep water and the long surface gravity waves of small amplitude propagating uni-directionally. It is important to note that the obtained wave solutions of the Burgers equation and the Benjamin-Bona-Mahony equation are resourceful and were not found in the earlier studies. The attained solutions might be fruitful to scrutinize the one-dimensional internal waves in deep water and long surface gravity waves of small amplitude propagating uni-directionally.

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