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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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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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