A Study for Obtaining more Compacton Solutions of the Modified Form of Fifth-order Korteweg-De Vries-like Equations

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In this paper we investigate exact solutions of a modified form of fifth-order Korteweg-de Vries-like equations by using two direct methods. Thus we get new compacton solutions having infinite wings or tails. In addition, new periodic and singular periodic wave solutions are obtained.

Key words: Modified Form of Fifth-Order KdV-like Equations; Compacton;
            Periodic Wave Solution.