Keywords: Dambreak Study, Unsteady Flow, Characteristics Methods

The computed results are compared with experimental and numerical data obtained from the model. The good agreement is achieved between the model and the experimental data. The solution is extended to the wave front by unstable numerical methods. The characteristics in the wave front, downstream, and upstream conditions are captured. The characteristics that are captured from the wave front are extended to the downstream conditions. The characteristics are extended from the wave front to the downstream conditions.

Abstract

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