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Lokenath Debnath* (debnath1@utpa.edu), Department of Mathematics, University of Texas-Pan American, 1201 W. University Dr., Edinburg, TX 78539. *The Generation and Propagation of Water Waves on a Running Stream.*

This paper deals with the generation and propagation of water waves on a running stream. Both linear and nonlinear problems will be presented. Some resonant phenomena will be discussed. (Received September 21, 2009)