962-34-1285 **Snezhana G. Hristova*** (`hristova@gsu.cs.GaSoU.edu`), Department of Math & CS, Statesboro, GA 30460. *Monotone-iterative Technique for Impulsive Hybrid Equations.*

Nonlinear impulsive hybrid differential equations are investigated when the moments of impulses are variable. The question of finding the approximate solution of the initial value problem of the given equations is studied. An algorithm for constructing a monotone increasing sequence of lower solutions is given. Convergence of the sequence to the solution of the problem is established. Sufficient conditions for the absence of the phenomenon "beating" are obtained. (Received October 03, 2000)