An analytic technique, the homotopy analysis method (HAM), is applied to obtain the kink solution of the Sharma-Tasso-Olver equation. The homotopy analysis method is one of the analytic methods and provides us with a new way to obtain series solutions of such problems. HAM contains the auxiliary parameter $\bar{h}$ which gives us a simple way to adjust and control the convergence region of series solution. “Due to this reason, it seems reasonable to rename $\bar{h}$ the convergence-control parameter” [1].

Key words: Homotopy Analysis Method; Sharma-Tasso-Olver Equation; Kink Solution.