1046-34-1152   **Ianna H. West*** (`ianna.west@nicholls.edu`). *Existence of Solutions for Systems of Differential Equations with Impulses with Application to Ecological Models.*

Systems of differential equations with impulses can occur in the mathematical modeling of science and engineering. In this paper we will show the existence of solutions for such systems. We will develop the generalized monotone iterative method and use it to solve a system involving an ecological model. (Received September 14, 2008)