

# Abstract

This project concerned with the initial value problems for first order linear systems of integro-differential equations of the second Kind. This study includes the classification of them, existence and Uniqueness of the solutions of special types of them. Also, some Approximated methods namely the power series method is presented it to solve the initial value problems of linear systems of Volterra integro-differential equations of the second kind. For each method some illustrated Examples are given to show it is efficiency.