MODEL LAJU WATER FURIFUCATION

By

Gurit Prasetyo

Abstrak

Differential equations are equations containing derivatives of one or several unknown functions. There are two kinds of differential equations are ordinary differential equations and partial differential equations. Ordinary differential equation is a differential equation that contains one or more functions (dependent variable) and related to the independent variables. In this study, used Ordinary differential equations order one by approaching the field of physics, namely the principle of dynamic fluid. The fluid is a fluid dynamic (can be liquid, gas) moving. Fluid flow is often expressed in the discharge. Debit is the large volume of liquid flowing in every one unit of time, usually expressed in liters / sec or in units of cubic meters (m3) per second. So that the discharge is known, the obtained models furifucation water rate.

Keywords: One Order Differential Equations, Fluid Dynamic, Debit.