

Title: Water Pipeline Leakage Detection System Using Inverse Transient with Genetic Algorithm

Authors: Earl F. Yabes, Jefte P. Montajes, Ivan A. Hayana, Mark Wengelou L. Mangapis

ABSTRACT

All establishments and companies nowadays, or even the houses are getting connected with water pipes to have their own water connection. Through this, people are now enjoying water anytime because of its availability & accessibility able. But problems arise when these water pipes will be damaged or will have leaks. If these leaks will not be detected as early as possible, it will cause flooding in places and will lead to extra consumption of water, which means extra expenses for the consumer

Keywords: Pipeline, detection, algorithm, sensors, pressure, auto-update