

## Abstract

An improved water-saving method is described in this paper. The proposed method is based on an electro mechanical approach that is described mathematically. It describes a solution for water-saving in buildings by giving a way to ensure that treasurer of water will never be empty before the maximum time that the owner gives to the treasurer when it is filled with water. A perfect distribution of prime numbers over integers is exploiting to give a perfect time to alter the amount of water pumped at a unit time. Simulation results shows that the method can save the water with different maximum time decided by the owner