

Abstract

During the automation and exploitation of a production (or a manufacturing) process the measurement is and always a current problem faced by engineers for a long time. Its importance and urging industrial use become more and more obvious for an optimal exploitation through an automatic command highly reliable. In this work our interest goes to measurement, measurement errors and their influence as well as their reliability on input and output of the petroleum equipment (rectification vacuum column) Object of the command: After having studied a series of algorithm we finally found a weighting algorithm for the studied case