Abstract

In industrial control systems the liquid level is carrying its significance as the control action for level control in tanks containing different chemicals or mixtures is essential for further control linking set points. The three level control models are considered in our work. In conventional model for three tank liquid level, the control is done with conventional control PID model. The
auto tuning technique of PID controller is adopted for more reliable and precise control action which incorporate the uncertain factors also. In this work the comparison of the conventional PID and auto tuning is clarified.

Reference


Index Terms

Computer Science | Control Systems

Key words

PID Control | Three tank level | Auto Tuner

Chemical Concentration

CSTR