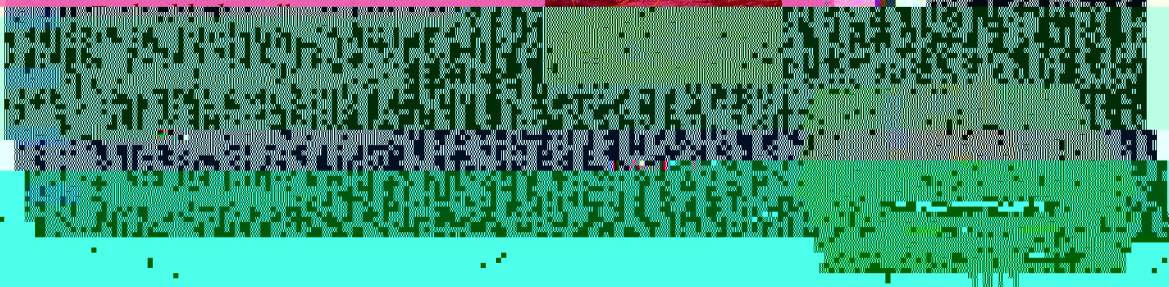
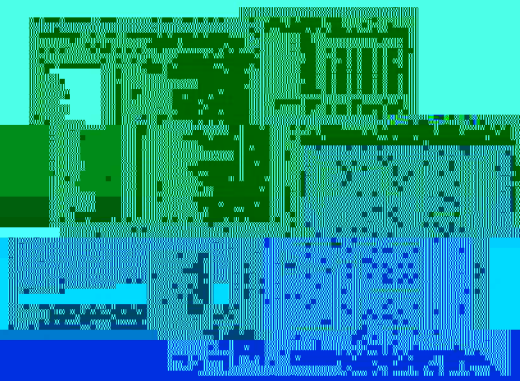


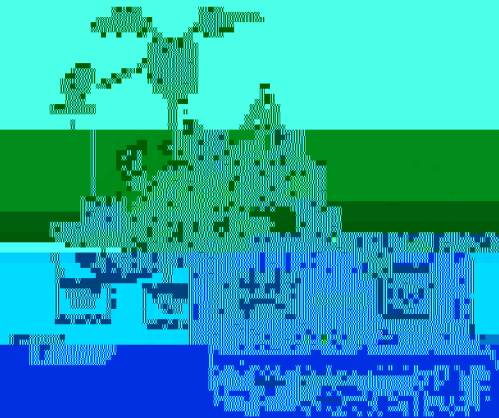
# DIGITAL SYSTEMS



01. **Control and Supervision for distributed systems. An important and modern application of a distributed type of control and process automation.**



02. **AGC in a tank to control the VCL. A control strategy based on the use of a PI regulator. An example of a classical control system design.**



03. **Development of a control algorithm (PID) with adaptive gain, using genetic algorithms.**  
*Evolutionary optimization by differential evolution search algorithm with local neighborhood.*

## POWER QUALITY

