

The present invention relates to the automatics and computer facilities. The proposed duplicated system for processing technical information contains series-connected main modules, which are connected with series-connected redundant modules via relay contacts. Each of the main modules contains, additionally, a control unit, a digital signal output unit, an analog signal input unit, and an analog signal output unit. Each of the redundant modules contains, additionally, a unit for collecting information, a digital signal input unit, and a digital signal output unit. The main units and the redundant units are connected to the controlled object. The advantage of the proposed system is simplified design and improved reliability due to the possibility to process digital and analog signals.