

The invention relates to the field of electrical and electronic measurements and can be used for high-accuracy measurement of resistance, inductance or capacitance of the two-terminal networks.

The method for measuring the resistance, inductance or capacitance of the two-terminal network consists in the formation of a serial measuring circuit from the measured two-terminal network, the output contacts of an impedance converter and a signal generator, control of the disequilibrium signal, formed by the total voltage drop on the measured two-terminal network and the output circuit of the converter, equilibration of the measuring circuit by controlling the impedance reproduced by the converter, as well as determination of the measurand value from its equity with the value reproduced by the converter in the equilibrium state taken with opposite sign. As impedance converter is used a converter, providing the reproduction of a value with the phase characteristics opposite to the measured one. The equilibration of the measuring circuit is carried out up to the attainment of the minimum value of the disequilibrium signal modulus.

Claims: 1

Fig.: 3