THE MEASUREMENT AUTOMATION AND OPTIMIZATION THE SYSTEM OF REPRODUCTION AND TRANSFERRING OF THE IMMITANCE UNITS

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Provided investigations have shown that for optimization of the impedance measurement metrological support it is necessary to develop the universal precise comparator. The requirements for a universal comparators are defined. The variational method for automation the bridge balancing proposed. The analysis was provided and determined the optimal phase shift variation to calibrate a two-channel vector voltmeter. Metrological characteristics of the created equipment are presented.