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The invention relates to the measurement engineering and radio electronics and may be used for high-precision reproduction of the controllable impedances of any character with the possibility of independent regulation of the reproduced resistance modulus and phase.

The impedance converter, containing an amplifier, connected with its output to the input of a phase shifter, and two contacts, additionally includes a voltage follower with high input impedance, having its output connected to the input of the amplifier, and a voltage-to-current converter, having its input connected to the output of the phase shifter and its output together with the input of the voltage follower - to one of the contacts, the other contact being connected to the common pole of the voltage follower, amplifier, phase shifter and voltage-to-current converter.

Claims: 1

Fig.: 1