

The invention refers to the electrotechnical measuring devices and radio electronics and may be used for high-precision reproduction of reactive impedances of any character.

Summary of the invention consists in that the impedance converter comprises a first converter 1 provided with two input terminals 2, 3 and two output terminals 4, 5, a negative resistance converter 6, also provided with two input terminals 7, 8 and two output terminals 9, 10, at the same time the terminals 3 and 10 are connected to each other. The first resistor 11 is connected to the terminals 2 and 9 and the second resistor 12 is connected to the terminals 7 and 8. The output of the impedance converter is formed by the output terminals 4, 5 of the first converter 1. As first converter 1 it is used an impedance converter with a virtual transfer constant. As first resistor 11, connected to the terminals 2, 9, it is used a resistor of variable type.

The result of the invention consists in reproducing reactive impedances with slide control of their character and value.

Claims: 1

Fig.: 1

