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The invention relates to the electromeasuring engineering and can be applied in comparing the four-terminal measures of electric resistance.

According to the proposed method with the application of the four-arm bridge of constant current there are carried out the following operations: there are attacked by current the compared measures, the contiguous current terminals of which are connected by means of a jumper, it is connected the inlet of the measuring instrument, common for the compared measures, first to the one, then to the other of the two contiguous potential terminals of the compared measures and it is measured in this two positions the bridge disbalance tension. Simultaneously with the switching of the measuring instrument inlet it is carried out the permutation of the bridge ratio arms.

The bridge, realizing the present method, contains comparison arms (3, 4) in the form of four-terminal measures of electric resistance, the contiguous current terminals of which are connected by means of an electroconducting jumper (5), ratio arms (1, 2), a power supply (6), a measuring instrument (7) in the bridge diagonally opposite pair of termibnals and a switch (8), to which is connected the inlet of the measuring instrument (7), common for the comparison arms (3, 4), the output circuit of the ratio arms (1, 2) and the potential terminals of the compared measures.

The technical result of the invention consists in excluding the jumper resistance and the bridge ratio arms resistance influence on the precision of comparing the four-terminal measures of electric resistance.

Claims: 3
Fig.: 1