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The invention relates to the electrical engineering and is meant for creation of powerful, adjustable resonance voltage transducers of different application with a wide turn-down of load resistance and voltage.

The quasi-resonant voltage transducer comprises a controlled driving generator (4), one output of which is connected to the input of converter module (1), made in the form of a current source with limited maximum value of the output voltage and with the nominal value of resistance R_1 of its load, the outputs of which are connected to a load (3) with the nominal R_{NOM} and maximum R_{MAX} resistance values. The traducer comprises additionally the second converter module (2), the input of which is connected to the second output of the controlled driving generator (4) and connected parallel to the first one, identical with it, with the same maximum value of the output voltage and optimum resistance R_2 value of its load, which is chosen equal to the maximum R_{MAX} value of load (3), and the nominal R_{NOM} resistance value of load (3) is chosen equal to the R_1 and R_2 value connected in parallel. The transducer also comprises a control unit (5), including a reference voltage source (6), the output of which is connected to one of the inputs of an error amplifier (7), the second input of which is connected to the load (3), and its output is connected to the control input of the driving generator (4) and by means of polarity choice diodes (8, 9) is connected to the inputs of a reversible counter (10), the outputs of which are connected to the inputs of a decoder (11), the outputs of which are connected to the inputs of the converter modules (1, 2).

Claims: 2
Fig.: 5