

The invention relates to the field of measuring technology and radio electronics and can be used for reproducing virtual negative resistances with smooth and coarse value adjustment.

The converter comprises an operational amplifier (1) with two inputs and one output, two input terminals (2 and 7), connected respectively to the first input of the amplifier (1) and to the common wire, a first resistor (3), having one pole connected to the first input of the amplifier (1) and the second pole – to the output of the amplifier (1), and a second variable resistor (4), connected between the second input of the amplifier (1) and the common wire. The converter contains additionally a switch (6), connected with the mobile contact to the output of the amplifier (1), and a block (5) of  $n$  resistors, connected with one of the poles together to the second input of the amplifier (1), and with the free poles – respectively, to the fixed contacts of the switch (6).

Claims: 1

Fig.: 1

