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The invention relates to the measurement technology, in particular to a semiconductor strain-sensing resistor that can be applied for measuring the fatigue damages and deformations of constructions in electronics, atomic power engineering, mechanical engineering, aviation.

The semiconductor strain-sensing resistor is made in the form of thread of lead telluride, doped with thallium, in the following component ratio, mass %:

thallium 0.030...0.646

lead telluride the rest.

The result of the invention consists in increasing the sensibility and in expanding the measuring range of the uniaxial tension type deformation values.

Claims: 1

Fig.: 1