



Encyclopedia

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Gain

The transfer factor that gives the relationship between the magnitude of the output and that of the input. If these are voltages, one speaks of voltage gain; if they are currents, one speaks of current gain and if they are power, one speaks of power gain.

Galvanic cell

See Element, galvanic

Gravitational balancing machine

A mechanism which contains a bearing system for a non-rotating rigid rotor and provides information about the magnitude and angle of the static unbalance.

Gear mesh frequency

Frequency of a possible vibration component in machines with gears; the product of the number of teeth and the frequency of rotation. Higher harmonics of the gear mesh frequencies may also occur.

German Technical Inspection Association

German abbreviation: TÜV

An institution founded by commercial enterprises to test technical facilities for operational safety and to carry out legally prescribed tests.