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(54) INSTRUMENT ZA ISPITIVANJE UTICAJA MASE DVOSTRANE POLUGE NA NJENE OSCILACIJE KADA JE POVEZANA SA KLATNOM U DVOSTEPENI OSCILATOR

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(57) Instrument za ispitivanje uticaja oscilacija mase dvostrane poluge na njene oscilacije kada je povezana sa klatnom u dvostepeni oscilator, sastavljen je iz postolja (2) na koje je učvršćen nosač (3) na koji je preko osovinice (20) okačena dvostrana poluga (18) čija se masa može povećavati dodavanjem masa (21) koje se na dvostranu polugu (18) pričvršćuju vijcima (19) i (22), pri čemu je na jednu stranu dvostrane poluge (18) pomoću čaure (24), vijka (23) i osovinice (25) okačeno klatno (26) na koje je pomoću vijka (28) okačen teg (27), naspam kojeg je na postolju (2) učvršćena merna skala (1), dok se druga strana dvostrane poluge (18) sa donje strane oslanja na pipak (17) koji je učvršćen na jednom kraju druge dvostrane poluge (15), koja se nalazi na nosaču (6) i može da oscilira oko osovinice (16). Sa iste, ali donje strane ove druge dvostrane poluge (15) upire opruga (4) koja je postavljena na nosač (5). Suprotna strana ove druge dvostrane poluge (15) sa gornje strane preko pipka (8) upire u teg (10), koji može da se kreće vertikalno unutar prostora (12) koji ograničavaju nosač (7) i letvica (9), letvica (13) sa mernom skalom (14), koje su za nosač (7) pričvršćene vijcima (11).

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(54) INSTRUMENT FOR EXAMINATION OF THE EFFECT OF THE MASS OF A TWO-SIDED LEVER TO ITS OSCILLATIONS WHEN CONNECTED TO A PENDULUM IN A TWO-DEGREE OSCILLATOR

(57) Instrument for examination of the effect of the mass of a two-sided lever to its oscillations when connected to a pendulum in a two-degree oscillator, consists of a base (2) where to is fixed a carrier (3) onto which by means of a pin (20) hangs a two-sided lever (18) the mass of which can increase by adding the masses (21) which are to the two-sided lever (18) fixed by screws (19) and (22), where onto one side of the two sided lever (18), by means of a bushing (24), a screw (23) and a pin (25), hangs a pendulum (26) where to by means of a screw (28) hangs a weight (27), opposite to which on the base (2) is fixed a marble scale (1), while the other side of the two-sided lever (18) from the bottom part rests onto a rest (17) being fixed at one side of the other two-sided lever (15), set on the carrier (6) and can oscillate around the pin (16). At the same side, but from the bottom of this other two-sided lever (15), a spring (4) which is set on the carrier (5), extends. The opposite side of this other two-sided lever (15) from the upper side over the rest (8) and leaned against it there is a weight (10), which can move vertically inside the space (12), being limited by a carrier (7), and a nailing strip (13) with a measurement scale (14), being fixed by the screws (11) to the carrier (7).

