

Silver Prize

Seoul International Invention Fair 2009 (SIIF 2009)



Instrument of Mechanical Laboratory for Study in Fundamental Physics

The research aimed to develop the instrument of mechanical laboratory. It used to study the gravitation acceleration, the acceleration of mass by Atwood 's machine , moment of inertial, parallel axis theorem, simple harmonic motion and physical pendulum.

The strong point of this instrument was semi-automatic electronic circuit and machine. It was found that it can measure gravitation acceleration almost correctly, only 5 % error. Moreover, it is easy to use, maintain and it is also economical.

Patent application number : pending

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