

Knowledge areas

Physics

Key Experiments

The movement and the trajectory.

What are the URM characteristics? (multi-chronometer)

The meeting of two moving objects in URM with opposite directions, on the same trajectory, multi-chronometer

The VURM and its characteristics, multi-chronometer

The frictional forces and Newton's first law of motion

The determination of the sliding static and kinetic friction coefficient

The equilibrium of a moving object on an inclined plane

The mechanical advantage of a simple machine, inclined plane

Rigid bodies, conservation of mechanical energy, with sensors

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